Subject: Tweeter 1/2" to low :(
Posted by dobanion on Tue, 28 Jan 2003 22:30:45 GMT
View Forum Message <> Reply to Message

Oops, I mounted my tweeter 1/2 to low on my 2 pi speaker (assembled) and the other baffle is already cut out. What effect will this have? I've already come to grips that I'll have to start over. Ughh. Bright side, I've learned a lot!!Dennis

Subject: Re: Tweeter 1/2" to low :(
Posted by bmar on Wed, 29 Jan 2003 00:18:50 GMT
View Forum Message <> Reply to Message

Are you saying both tweeters are 1/2" low. Or one is a 1/2" lower than the other?If they are both equal in dimension than I doubt that there will be any difference that you will notice. Wayne can let you know if there will be a problem in this respect.You can counterbore a circle that is bigger than the tweeter into the baffle in the correct tweeter position. The bad tweeter hole will have an offset centro to the new counterbore. Now cut a disk and shape it in some attractive fashion (I would sujjest 1/4" proud with a simple quarter round edge) and drop it the counterbore, glued in place. You now have a decorative ring around your tweeter after you drill the new hole in the correct local. If you two holes are mis aligned to each other by a 1/2". You might be able to "cheat the hole" The tweeter overlaps the hole. Egg one hole down, just until you loose overlap. egg the other hole up. If you can get 1/4" up/down from each hole they wil be centered.Have fun!Bill

Subject: Re: OR.....
Posted by BillEpstein on Wed, 29 Jan 2003 00:28:31 GMT
View Forum Message <> Reply to Message

....you could take the cut-out you made when you drilled/routed the hole, or make a new one out of the same material, and epoxy it into the hole with 'slow-set epoxy for wood'.Wait 24 hours and drill/rout the hole all over again. Cut discs of felt to surround both tweeters which they could use anyway, and the whole affair is your little secret.My fixes are better than Bmars because I have much more practice fixing mistakes:)

Subject: Re: OR.....

Posted by bmar on Wed, 29 Jan 2003 01:21:31 GMT
View Forum Message <> Reply to Message

ha ha ha..... Thats a big grin. Your fix is a lot more simple and easy to execute thats for sure. Ive been heating my house this winter with mistakes though :)

Subject: Re: Tweeter 1/2" to low :(
Posted by dobanion on Wed, 29 Jan 2003 01:32:24 GMT
View Forum Message <> Reply to Message

I mistakenly cut both speaker baffels where the tweeter is 1/2" to close to the midbass unit. Also, I am correct in hooking up the spool of hook-up wire (I forget what that thing is called) to the midbass, right? I'm a rookie at everything speaker building!Dennis

Subject: Re: Tweeter 1/2" to low :(
Posted by mollecon on Wed, 29 Jan 2003 05:25:57 GMT
View Forum Message <> Reply to Message

PROVIDED that there's still room to mount the drivers (the tweeter & the bass-midrange) so they don't get in each others way, I seriously doubt if it will have much negative impact, if any at all! Don't dispair, at least not until you've heard Wayne's opinion...Personally I'm all for mounting the drivers as near to each other as practical limits allows - in an attempt to get as close to a point source as possible. This becomes more important the closer to the speakers you are while you're listening.

Subject: No problem
Posted by Wayne Parham on Wed, 29 Jan 2003 06:09:49 GMT
View Forum Message <> Reply to Message

No problem at all. You want 'em as close as possible, and in this case aesthetics is the driving motivator. You'll be 100% A-OK on this deal so don't sweat it.

Subject: Odds and ends
Posted by Wayne Parham on Wed, 29 Jan 2003 06:14:07 GMT
View Forum Message <> Reply to Message

You're right - the wire with the spool should be attached to the midwoofer. Be sure that the lead positive lead of your connector panel is connected to the positive lead of your tweeter and also the positive lead of your midwoofer, through the inductor. I forget if your kits have the inductor that would be screw mounted or not - If you have a hole on the spool that would fit a small screw, us that to attach the coil to the inside back wall. If not, use automotive weatherstrip glue.

Subject: Re: Tweeter 1/2" to low :(
Posted by dobanion on Wed, 29 Jan 2003 12:49:58 GMT
View Forum Message <> Reply to Message

Thanks to all for your responses. I'm glad I don't have to build the cabinets again, though I might sometime in the future as I am sure I could do a better job.Dennis