Subject: Hasty mistake
Posted by johnnycamp5 on Wed, 08 Jul 2015 22:57:55 GMT
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A couple of weeks ago-

After a brief investigation of the 4 pi speakers, I decided I'd build myself a pair, while having Wayne build/provide me the crossovers and waveguides.

I quickly started to source the drivers on line.

Before I had fully educated myself on the drivers of choice, (jbl 2226h and b&c de250) I had found some 2226h's on ebay that had been re-coned for $189. each.

In my haste, I bought two.

I hadn't yet learned that the re-cone must be a genuine jbl kit, installed by an authorized jbl repair shop .

As I now understand, there is no real way of knowing (from the outward appearance) whether or not the re-cone is of genuine parts by an authorized installer.

I have been advised by Wayne to run a frequency sweep test on the speakers after completion, but I don't clearly recall what I am supposed to look for.

I may recall that I should see (with a non genuine re-cone) a slight drop in db at around 800Hz and on?

Can any jbl2226h owners confirm this?

I have attached pictures of the labels on the boxes that these speakers were in when they came to me. This doesn't mean much.

Also on both, on the back of the basket on one of the frame legs, there is a stamped, white- "JBL" with a tight circle around it.

Finally:

Can I run a sweep test on the bare woofers, or must they be in their enclosure?

File Attachments

1) IMG_0284.JPG, downloaded 1723 times

2) IMG_0283.JPG, downloaded 1670 times

Subject: Re: Hasty mistake
Posted by Wayne Parham on Thu, 09 Jul 2015 15:35:14 GMT
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A genuine JBL recone kit is part number C8R2226 and can only be installed by an authorized service center. JBL does not sell these kits "over the counter" as a repair part. They only make them available to trained service centers.

So I am skeptical that the woofers are genuine. But really, the baskets alone are worth $100 each, even if the cones are completely missing. So you're not out of luck, even if the cones that are installed aren't good. You can get them reconed at a factory service center for about $150-200 each.

There can be any sort of problems with a second-rate cone, but what I see most often is weak HF response. Watch the response above 500-800Hz or so. You can measure that on a baffle, without needing to mount the drivers in a box.

Subject: Re: Hasty mistake
Posted by johnnycamp5 on Thu, 09 Jul 2015 20:20:47 GMT
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Thanks Wayne.

The good news-
I found a local, authorized service center in Edison, NJ.
Only ten minutes from my house.

The bad news-
They quoted me $270. per woofer .

If I shipped them elsewhere I,d likely end up spending the same or more .

Haste makes waste!

Subject: Re: Hasty mistake
Posted by Wayne Parham on Fri, 10 Jul 2015 15:21:04 GMT
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That's still not too bad. If you paid $100 each for the drivers, and then another $270 reconing them, then your cost is $370.00. Retail is about $500.00.

I'd say you didn't get a great deal, but not a terrible one either.

Call David Miller at Speakerworks in Tulsa.