Subject: Speakers: Jensen vs CTS vs KEI vs "Turbo" and the vented dome
Posted by rodak on Mon, 11 Jun 2018 21:04:00 GMT
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Found out my K200 3x12 may have a blown speaker (haven't opened up the cab, could be a loose connection, who knows?). I was so excited to get the rig for such a cheap price, I failed to listen to each speaker individually - oh, well, life goes on. It was still a killer deal, looks beautiful and sounds great with guitar - bass, not so much, but that was sort of expected.

So I may be in the market for a replacement that matches the other two. Besides wanting it to sound the same, I also want it to look the same. The three in the cab now, one of which is probably an original Jensen, and the other two are ostensibly "Kustom replacement" speakers, that may have been replaced by Kustom back in the old days, all have the aluminum dust dome with the black vent in the center, which I just think looks so cool. So here's what I know - can one of you help fill in the gaps?

* Virtually none of the Jensen speakers I see on eBay, or anywhere else, have anything other than a plain paper dust dome
* I bought three of the reissue "KEI Kustom Turbo" speakers several years ago for my K50 and K150, and they all have the vented aluminum dome (so naturally, I want to keep the look uniform amongst my humble Kollection!)
* The Carvin amps from the early 70s (which I had one of) had CTS speakers that had a vented aluminum dome

I also like the idea of building a 2nd baffleboard for 2 15s and getting a couple of 8 ohm speakers to make it into a 4 ohm bass rig. Is replacing a baffleboard difficult or time/labor-intensive?

Suggestions on finding the best speaker given that the cabinet and port sizes are known? Is there a calculator out there somewhere that will take those numbers and produce the recommended Thiele-Small parameters (and some way to pair that up with some actual speaker choices)?

Subject: Re: Speakers: Jensen vs CTS vs KEI vs "Turbo" and the vented dome
Posted by carlc on Tue, 12 Jun 2018 10:43:58 GMT
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Making a new baffle board is not difficult. 3/4 inch plywood cut to size, holes cut for speakers and holes drilled for mounting bolts. Same grill cloth is available online. Take a look at your other baffles. They have a strip of wood about 1/4 inch thick mounted on the outside edge and a small piece in the center to mount the Kustom logo.

Not a hard job.

Subject: Re: Speakers: Jensen vs CTS vs KEI vs "Turbo" and the vented dome
Posted by rodak on Tue, 12 Jun 2018 20:27:27 GMT
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So I'd need to buy new grillcloth,correct? I suppose I could move the Kustom logo and ports to the new board, right? How is the board fastened, from the inside? Can you point me to a good source for the grillcloth?

Subject: Re: Speakers: Jensen vs CTS vs KEI vs "Turbo" and the vented dome
Posted by stevem on Wed, 13 Jun 2018 12:27:49 GMT
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The Eminence Kappa pro 15A is a driver with a low VAS requirement, good SPL rating , handles plenty of power and is only 150 bucks per driver from parts express.
If thats too steep a price then the model BP 1518 at 99 Dollars from parts express is a good pick also , it wants a bigger cabinet but since you only have 100 watts of clean power to push it with it will still do fine!

Subject: Re: Speakers: Jensen vs CTS vs KEI vs "Turbo" and the vented dome
Posted by carlc on Wed, 13 Jun 2018 19:39:50 GMT
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Grill cloth is available here: https://www.guitar-parts.com/catalog/black-grill-cloth-0

Baffle is mounted with 1/4 " elevator bolts that are nutted inside. Just cut new port holes and move the ports if desired. Ports come available now and then on ebay.