
Subject: unknown model

Posted by [freddyfender](#) on Wed, 21 Aug 2013 21:00:51 GMT

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I recently picked this up for my next project.. I am unsure which model it really is.. It resembles a 1-15 sc. I would like to restore it to its original splendor.. I have been a Kustom fan for close to 40 yrs. This will be my first restoration of a kustom. Please see the attached link for photos. Thanks in advance for your help this is a great site..I look forward to your responses.

<http://s851.photobucket.com/user/muddawber99/library/>

Subject: Re: unknown model

Posted by [oren hudson](#) on Thu, 22 Aug 2013 02:42:51 GMT

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Nice score and welcome to the forum. I don't know much about your rig, but, if you haven't already, click on the Literature icon to the left and nose around. You'll probably find something on it there. Looks like that could possibly be a JBL speaker which would be sweet. On the knobs. Radio Shack has nearly identical knobs in the store. Unless you're just a total, total, total purist, they'll work fine.

Subject: Re: unknown model

Posted by [freddyfender](#) on Thu, 22 Aug 2013 02:48:11 GMT

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Thanks for the reply Oren.. I did look thru the literature.. Either the 1-15 sc or the 1-15ab sc. Got it working very well, it sounds great. Have a little restoration work to get back to original condition. Do you know of an outlet for the Naugahyde in kustom colors. I have restored a few vintage amps for myself and friends. I am definitely a purist at all efforts. Patience here is worth the wait.sounds like your last project came out good. This amp is for my 14y/o to learn to play bass thru when it is complete.Thanks for your comments

Subject: Re: unknown model

Posted by [stevem](#) on Thu, 22 Aug 2013 10:59:07 GMT

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Welcome to the place!

Kustom colored Naugahyde can be had from doing a search for Garys upholstery.

One thing to note though if you find your son wants to change colors is that the blue and cascade is different than the original in that it is on a black back ground and not silver, this makes for alot less zig under lighting, but still way better than torn covering.

other colors like red, cascade,and gold will increase the value of the amp.

Note that white, which Kustom called silver can be hard to find, your amp color is called Charcoal. Recovering the whole amp and the work involed to make the rolls/pleats can cost alot if you can

not get the nack of doing it your self, or have a wife or Grandmom who can do it out of love!!
Do a search here for other postings that cover the work.
Keep us updated on your progress and or problems.

Subject: Re: unknown model
Posted by [freddyfender](#) on Thu, 22 Aug 2013 23:11:52 GMT
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Thanks for the welcome Stevem. I appreciate the response on the naugahyde resource. Which model do you think the amp is? As the project progresses I will post updates. I am fortunate that the amp itself is virtually error free at this time.. I did see some post concerning changing original power cord to a 3 prong with ground to help eliminate hum, this and the knobs will be my first hurdles..Till next time.

Subject: Re: unknown model
Posted by [pleat](#) on Fri, 23 Aug 2013 00:21:36 GMT
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You have the strangest amp I've ever seen. I've never seen the (((((200)))))) on the control panel. As far as any literature the amp should be a 100 or the 150 series. In both known series, the amp matches the 2x12 or the 115 speaker version. The depth of the 115 is deeper than the 2x12 model and handles would standard on the sides. I see your amp has one on top as well. Some other things I notice is the speaker jack on the back of the amp. The 100 and 150 versions, the speaker jack was on the bottom of the chassis. The shelf that the amp sits on, should have a cut out for the speaker plug and I don't see one on your amp. From the front it looks like the amp is sitting on a second shelf and that's why you see the gold chassis at the bottom of the plexi control panel. No model tag on the back. So I guess you would have to remove the amp and get the circuit board numbers to pin point what the amp actually is.

As far as recovering the amp. The secret is the foam material. Kustom used a V cut foam and I don't think any of the collectors has ever found a source for the foam.

Strange that most of the amp looks like it's factory covering and around the control panel areas of the amp, it appears like a bad re cover.

pleat

Subject: Re: unknown model
Posted by [freddyfender](#) on Fri, 23 Aug 2013 10:32:33 GMT
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from the interior inspection not shown it looks like the amp was dropped. I dont know about the recover other than the bottom and center shelf it looks and feels like there is no foam at all under the t&r in those areas. The other t&r looks and feels tight like it would if it was original. A friend of

mine has a red kustom dont know the mdl but comparative the T&R is identical with exception to the shelves.. Is it possible that the amp was replaced with something other than what came original

Subject: Re: unknown model
Posted by [stevem](#) on Fri, 23 Aug 2013 11:07:39 GMT
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On second look I see that 200 logo!
It must have a slik screening mistake that go out the door?

Subject: Re: unknown model
Posted by [freddyfender](#) on Sat, 24 Aug 2013 22:57:30 GMT
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Hi Stevem thanks for the response.. Is there any complete cabinet specifications for the sc series amps that can be found. I am probably looking at a complete case build and recover. Wondering if the t&r can be removed and replaced on a new case.Really appreciate all that you do for the love of a kustom..Look foreard to your insights..

Subject: Re: unknown model
Posted by [stevem](#) on Sun, 25 Aug 2013 11:29:28 GMT
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There a couple of folks on here who own one and will hopefully give you the needed dimentions. The T&C covering can be carefully un stapled and re-applied on a different box, yes!

Subject: Re: unknown model
Posted by [pleat](#) on Sun, 25 Aug 2013 12:00:06 GMT
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Looking over the photos again. The cab might already be a a rebuild. The side view of the cab, it appears that there is no slant to match the angle of the control panel, which might explain the bad T&R covering in that area. Going from the photos of the front, it looks like the shelf the amp sits on, is not level. The left side of the amp appears to be lower than the right side of the amp. The bright input jack on the right side looks to closer to the T&R. The photo of the back, I see a right angle bracket on the left side that looks like it might be holdint the amp in the case. Of course the angle of the photos might be a bit distracting in regards to straight and level of seeing the actual amp.
pleat

Subject: Re: unknown model

Posted by [freddyfender](#) on Sun, 25 Aug 2013 13:25:50 GMT

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Thanks for the response Pleat I always look forward to all the senior member's comments.. I will post another set of pics so that the construction is better represented.. One part of the shelf that the amp rests on is loose and the connection for the base shelf of the speaker cab section is racked causing the amp shelf be skewed. I am going to remove the t&r,amp,speaker and back board and diagnose the complete case to determine the appropriate course to correct the errors.More than likely it will require new case.I am a "custom" cabinet designer/builder.I would appreciate any information from the the members of this site with the correct dimentions of the case.Thanks for all the help from everyone.I will post updates as available.

Subject: Re: unknown model

Posted by [Kustom_Bart](#) on Sun, 25 Aug 2013 15:28:31 GMT

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I would say to leave the T&R on it for now and take the cracked shelf (after removing the head unit) and strighten the shelf until you get the results that you want and brace it with a 1 x 1 or something to get measurements. Then you can clearly get you cab dimensions and go from there. Outside dimensions are key to this as the T&R are almost 2" on center exactly. To fix the bad T&R you are going to need foam and going to have to come up with a way to cut a V shaped groove every 2" to make it puff up. I know that they have hot knives at upholstery shops that they may be able to do this with for you. This is going to be a real BIG pain in the A\$\$, but if done right it could be a very Kool Kustom!

Subject: Re: unknown model

Posted by [freddyfender](#) on Sun, 25 Aug 2013 15:50:33 GMT

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Thanks Bart.I already have the internal dimensions I am hoping to get the original specs as a comparison to asure that the original design is maintaned.Do you have access to the originals or know someone that does. I am leaving the t&r as is for the moment..The covering on both amp and bottom shelves has no foam. The rest of case seems to have the foam intact. The only real problem I see with foam and t&r is on the corners. I am hoping to be able to adjust that once I determine which direction to go with the case.Thanks for the suggestions.Please send any information you come across my way.. Thanks for all your assistance. With a collective effort this once beautiful piece will again reign with splendor.Is the foam actually a v shape or a quadrilateral polygon.Do you know if the large side or small side is toward the case?Thanks in advance for your help.

Subject: Re: unknown model

Posted by [carlc](#) on Sun, 25 Aug 2013 16:13:00 GMT

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Regardless of the condition of the cab, this is a really cool amp that none of us have ever seen! My original is a "different" one. A K200SC...whoda thunk!

Subject: Re: unknown model
Posted by [freddyfender](#) on Sun, 25 Aug 2013 16:16:57 GMT
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carlc is your sc a 2-12 or a 1-15? if you have a some pics could you post. I would really like to see it.Thanks

Subject: Re: unknown model
Posted by [carlc](#) on Mon, 26 Aug 2013 10:42:09 GMT
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Actually, the original one I'm talking about is a Frankie with a 2x12" cabinet.

Subject: Re: unknown model
Posted by [freddyfender](#) on Tue, 27 Aug 2013 00:23:46 GMT
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I bet that it is awesome.. What kolor is it?
I am still looking for someone that has some original information about my 1-15 sc. i.e real interior dimensions. Thanks for getting back to me..

Subject: Re: unknown model
Posted by [Kustom_Bart](#) on Tue, 27 Aug 2013 03:14:44 GMT
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You aren't going to find it. If Pleat doesn't know it or have it or know who has it, it isn't out there. You just don't find measurements for the wood. You are going to have to use what you have for a template.

Subject: Re: unknown model
Posted by [freddyfender](#) on Thu, 05 Sep 2013 01:59:26 GMT
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Finally had time to get the pc board numbers and some more pictures to help identify the amp. pc

boards are as follows

- 1). kei-1 pc-1000
- 1). kei-1 pc-1100 quality stamp 12

here is a link to some pictures of the amp internals.
Thanks for all the help Fred..

<http://s851.photobucket.com/user/muddawber99/library/>

Subject: Re: unknown model
Posted by [Kustom_Bart](#) on Thu, 05 Sep 2013 03:27:05 GMT
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By the looks of it you have a bass amp with a bastard head in it. Here is the identical cab that you have except your ports don't have the port tubes.

Subject: Re: unknown model
Posted by [freddyfender](#) on Thu, 05 Sep 2013 10:24:45 GMT
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Thanks Bart I appreciate the reply. Do you know what the head is I have no idea. Thanks

Subject: Re: unknown model
Posted by [Kustom_Bart](#) on Thu, 05 Sep 2013 12:41:47 GMT
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No, because yours has effects on it and it is marked 200 (may be a miss print that got out the door) It is a bass cabinet with ports in the front and should have a sealed back, especially with the JBL. These came as a K100 and K150, but not as a 200, that is the weird part. Your cab could be repaired easy enough, I would not remove the T&R. It simply appears that the back was caught by the amp from removal of the head and it took out the staples and puckered the one side. I would take the head out and work with that side and get it straightend back out and staple the material back in really good when done. If you don't like the front of the shelf, you can remove the covering and install a new piece of foam behind it and re-install the material. repairing the shelf is simple enough too push it up so it is level with the top and install a brace and screw the shelf to it and then screw the brace to the side of the cabinet. Make a back for it from plywood and cover it, DONE!

Subject: Re: unknown model
Posted by [pleat](#) on Thu, 05 Sep 2013 21:32:40 GMT
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You listed the PC board numbers for the pre amps, but we need to know what the power amp board number is on board on the back of the amp. If it turns out to be PC900 it would be a K100SC series. If its PC5032 then the amp is a K150SC series.

It appears that the cabinet has no taper at the control panel, that leads me to think the cabinet is not original and would be the cause of the wrinkles around the control panel area. Kustom Bart is right that the front divider has no padding and would be a simple fix. The photo of the JBL isn't what I think we need to see, it's the cabinet construction of how the baffle board is fastened to the cabinet. If the baffle board is original it will have square 1/4" spacers at each port hole area and the same 1/4" spacer around the outside perimeter of the baffle board that the grill cloth is stapled to.

Kustom used port tubes in both the K100SC and K150SC amps. What is the depth of your cab? The 2x12 guitar versions were 12" deep and the Bass version is 14" deep, so that might help determine what you have.
pleat

Subject: Re: unknown model
Posted by [freddyfender](#) on Fri, 06 Sep 2013 01:11:22 GMT
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<http://s851.photobucket.com/user/muddawber99/library/>

Bart please check out the additional pics. You can see that the cab is in 2 pieces being a top and a bottom. Look closely at the interior shots and you will notice there is a large gap at the upper corner both left and right where you can see the foam. Also the wood in the upper portion of the cabinet appears to be completely different in every aspect. Being a custom cabinet maker with my own shop, replicating a cabinet to original specs is not difficult. I have found through experience that new replacement is alot of times better and quicker than repair. Thanks for all you do Bart. Pleat thanks for your comments and help to track this down. The power amp board number is kei-1 pc-703. Hope that helps. Also I included some new pics of the board. The speaker baffle board has the 1/4" spacers at the back side of the baffle board and the front of the board has what appears to be 3/4" spacer around perimeter of the port tube hole. The depth of the cabinet at the bottom is exactly 12 7/8". You are correct there is no taper at the control area. Do you have a pic of the bass cabinet that shows the perspective of the taper. Thanks for all your help

Subject: Re: unknown model
Posted by [pleat](#) on Fri, 06 Sep 2013 02:08:53 GMT
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The cab is a hack job. If it were me, I'd make up a new cab. You can get a good idea of what you

are looking for in the literature section. Using the removed T&R as a guide, the cab height would be 26" figuring each T&R is 2". 28" wide and I'd do 11" or 12" deep depending on if the original T&R is deep enough to cover from front to back.

20" up from the bottom of the cab is where the angle starts to taper to the top of the cab. I'd use the angle of the control panel to determine the angle. Kustom used a 3/4" X 2" front frame that connects to the top/bottom and sides. You might see what I mean as you remove the T&R. It's all by trial and error to be exact, but you have have the most important part, the T&R covering.

On the amp, you actually have a K200A power amp (PC703) It is the first one I've ever seen so the 200 on the front panel is correct. Not sure if it's a one of a kind, or maybe an employee stayed after hours to assemble it.

pleat

Subject: Re: unknown model

Posted by [freddyfender](#) on Fri, 06 Sep 2013 02:27:11 GMT

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I agree with your assesment of the cabinet. I have already made a template of the angle face of the amp. The 20" measurement is what i needed to start. I have already found Gary's Upholstery and priced the vinyl. Looking for the foam now if you any suggestions please forward to me . I will post progress as it occurs.

I think that I would like to go back to sc 115 specs for depth I know that it is more work,unless you have other specs for this amp.Also is there a source for the port tubes. Thanks for all the help. By the way even as it is the amp sounds really good. My oldest son has a fender twin reverb, orange tiny terror, crate bv120,and marshall 100 1/2 stack and he is constantly plugging up to the Kustom. He likes the accuracy of the kustom and the way that the kustom accepts pedals. I really appreciate all your help.I look forward to unvieling the re-born combo. thanks.

Subject: Re: unknown model

Posted by [chicagobill](#) on Fri, 06 Sep 2013 03:32:58 GMT

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If you are ordering from Gary's Upholstery, look up channel foam on the website. It's very expensive, but it might be the right stuff for your project.

Edit: A little searching and there are much cheaper sources for channel foam out there.

Subject: Re: unknown model

Posted by [Kustom_Bart](#) on Fri, 06 Sep 2013 04:50:24 GMT

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So, with it being 14" depth overall, what you have is a guitar combo K100 or 150-8 that someone

made a new cabinet and baffle board for it and installed a single 15 where it should have two 12's or even two 10's. They failed to make the sides of the cabinet correctly though and that is why the the T&R is messed up and inconsistent at the top. You can build the proper cabinet and take that covering right off and install it right over the new correct cabinet and the T&R will lay correctly. Make a new baffle board and back and it is done.

Look at the original literature and look at some pics of amps like it and you will get it done.

You couldn't pay me enough money to try to make that tuck and roll, it isn't just tucked and rolled, it is sewn to the foam at every seam in the tuck and roll and has to be perfect with the correct foam or it doesn't work or look correctly and you can ask the guys here that know me, I can build or fix anything, if I really want to do it. If you grow up with nothing, you figure out on how to make something from nothing, TRUTH!

Subject: Re: unknown model
Posted by [freddyfender](#) on Sat, 07 Sep 2013 02:25:47 GMT
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Thanks for the tips Chicago Bill. In the process of experimenting with the process of the T&R. I have a friend at an upholstery shop the is looking for a source to buy or have cut the v shape. We are experimenting with the actual v to find the best end result. Thanks for the support Fred

Bart thanks for the comments. It looks like the speaker, baffle board and t&r are original to the cabinet they had. It looks like the amp suffered a critical encounter and did not fair well. Whoever tried to repair it did not have the experience or the back ground to effect that extensive a repair. Pleat found that the amp is a true k200a power amp. I have been told that Bud Ross only built bass amps only some had effects. Is this correct?

I also grew up having to be creative. I have built entire homes from nothing. I do however enjoy a challenging project. I look forward to posting the results of this one. Will keep you posted. Any help is always welcomed. Fred

Subject: Re: unknown model
Posted by [Kustom_Bart](#) on Sat, 07 Sep 2013 02:44:05 GMT
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Subject: Re: unknown model
Posted by [pleat](#) on Sat, 07 Sep 2013 11:50:22 GMT
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This has been an interesting discussion. Going back re-reading the posts. The owner stated that at the bottom of the amp he measured 12 7/8". That may be including the foam. In any event, Kustom literature states for dimensions of a 115 bass model cab is 30" wide x 30" tall x 14" deep.

The 2x12 models: the literature states dimensions of 30" wide x 26" tall x 12" Deep. I think the height dimensions are including the casters.

Counting the T&R to get the height, the 115 bass model is 13 T&R which at 2" each pleat, you get 26" tall.

Counting the T&R to get the height of the 2x12 model, is 11 T&R or 22" tall.

Looking over the added photos the owner gave a link on 9-5.

The cab in question has 13 T&R which makes the covering at least, started out as a bass amp. I believe the baffle board is original and someone covered the port tube holes and re-grilled it at some point. I see the board has holes near the ends and appears to have indentations of the flat washer Kustom used to bolt the baffle to the cabinet.

On the JBL speaker? I would say it is a D130F since it has the smooth paper cone. The D140 bass speakers have a corrugated rougher cone. I didn't see any Kustom ink stamp on the frame, and with the JBL tag missing from the magnet, it may have had a K stamped into the tag. I don't know what impedance the speaker is? It would be good to know.

I think were some of the confusion might be, the owner asked for a dimension to start the taper on the side of the cab to match the face plate. Counting the T&R from the bottom up, I said 20" or 10 T&R. Not that the bass cab is 20" deep.

The amp is a true K200, no mis-print or error on the face plate. From the pictures that are posted, the power amp has 4 output transistors, the RCA out jack, no secondary transformer (or whatever it is called that are in the SC series amps) and the board number is PC703. With the amp power section being a K200 it can handle a 4 ohm total load, so not knowing the impedance of the speaker, the amp might not put out full wattage.

We also don't know what the completed project will be used for, Bass or Guitar.
pleat

Subject: Re: unknown model

Posted by [freddyfender](#) on Sat, 07 Sep 2013 12:25:08 GMT

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A gift for a 14 y/o to learn to play bass through and appreciate alittle bit of music history and music evolution. This a 40 y/o piece of equipment that has a real story to tell and a heritage of class to pass on. Thanks for the clarification Pleat.

Subject: Re: unknown model

Posted by [freddyfender](#) on Sat, 07 Sep 2013 17:19:41 GMT

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