Subject: Drill and Transformers Don't mix
Posted by gofar99 on Mon, 29 Jul 2013 19:22:19 GMT
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Hi Everyone, Just the rant of a klutz. I am in the process of designing and actually perfecting now a new amplifier (happens all the time around here). I had the chassis and build nearly done and discovered I needed a hole in the top rear of the chassis. Just a small hole 1/4 inch in diameter. It was in a bit of an awkward location so the drill press could not be used. Out comes the heavy duty 18 volt Dewalt drill. Now the drill bits I have are ones that will really cut into metal. Often they will grab the project and try to augur through it. So guess what one did.... It did grab and did augur and went right in to the windings of one of the output transformers. %$$#@!& also several bad words that can not be printed here. A 1/4 inch hole in the windings does not improve electron flow in any way useful to audio. Trash bin part. Fortunately I had a spare. One of the nice things about having your own electronics company (lots of parts to work with). BTW the amp works great and I will eventually do a project write up on it. It uses 4 6GV8/ECL85/6F5P tubes much like in the larger oddwatt amps. Sounds quite nice and should be pretty cheap to build.