Subject: Re: Damping 511B ringing: Whats your experience?
Posted by tdc on Wed, 07 May 2003 20:04:31 GMT
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Just to share what I did with 811b which does not ring quite like a 511. I cut the fins and filled the gaps with hard rubber cut from a tire. Poly cord and steel belts sound the same. Be sure to use radial tires with all radial horns. Then I sprayed the outside of the horn with automoble sound damping material. This comes in a spray can and is like undercoating. That looks bad but the next step takes care of that. Then I built a box to hold the horn with a heavy wood face plate. Use all the mounting holes to screw the horn face to the wood (use t nuts) and clamp it tight. You can also a a washer made from an inner tube.That is the most help. A bell rings from the edge. Bolt it to a wooden plank and you get a dull thud.The box also serves a small baffle which allows you to cross over closer to the horns bottom line. I use 850 hz 12db with the 811b but will try both 1000 and 1200 later. Problem is the woofer starts to break up a little above 500 but is not bad a 800. At full range about 1600hz it is a bit rough. I also use JBL 2345 and 2370 horns. They need none of the above treatments. tdc