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Subject: Re: Klipsch KP-3002 Crossover Mods  
Posted by [Wayne Parham](#) on Fri, 17 Aug 2012 22:26:25 GMT  
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If it's a tractrix horn, it won't need as much top-octave compensation for mass-rolloff because the horn provides acoustic equalization by way of collapsing directivity. Add to this the fact that many modern compression drivers have some diaphragm surface resonances that increase the top-octave and you probably don't want C1 to bypass R1 in my schematic. In fact, you'll probably like the sound better if that 0.47uF cap is put in parallel across the tweeter instead.

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