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Subject: Re: Ping Wayne: Paramour noise reduction?  
Posted by [Wayne Parham](#) on Tue, 24 May 2005 03:15:53 GMT  
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You'll need an oscilloscope to see the noise. A DVM won't really help you here. The 0.022uF capacitors should be soldered, one per diode, in parallel with them. If you increase the size of the electrolytics, B+ won't change. What will happen is you'll store energy in the caps longer, so it will smooth the ripple and it will also retain voltage longer after you switch off the AC input. If you add an LC stage, you won't change B+ either, because the coil has very little resistance, so it won't provide much of a DC voltage drop. On these power supply components, bigger is better. If you go huge, you might bypass with smaller polypropylene caps or use a conjugate pair as suggested by Rubycon, as in using a pair of N types or their Super E.

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