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Subject: Re: Schematic Accuracy

Posted by [chicagobill](#) on Thu, 13 Feb 2014 15:43:23 GMT

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I don't own a 100 head so I can't help with a photo.

The question regarding the two PNP transistors is simple, while each one is rated for 80 volts they have different current ratings. The bigger one is used as the pass transistor for the regulator while the smaller one is just used to control the bigger one.

The 1N3754 diode is part of the bias string for the two output transistors. The only thing that it will change is the voltages at the bases of the drivers Q127 and Q128.

As for the caps in the regulators, unless there is a major circuit meltdown, they will never see the 40 volts from the main power supply.

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