Subject: Re: Blow Fuse!
Posted by Wayne Parham on Mon, 22 Jan 2007 03:15:08 GMT
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Check across the tweeter output to see if there is a short or open condition there. You can replace the bulbs using a pair of 211-2 automotive lamps. The 211-2 bulb is designed for 1A at 12V (12 ohms) but cold resistance is only about 2 or 3 ohms, so the pair is about an ohm and a half. When used on the input of the crossover, there is no noticable impact until high current makes the filament glow, increasing resistance and limiting current. It acts like a compressor and protects the tweeter, but the compression effect is very natural sounding, you can hardly even tell. And it doesn't happen until the amplifier is generating about 300 watts. If you want to allow more power, you can change the configuration. But watch the voltage limit of the caps if you jumper around the lamps or use a different type of bulb or number of bulbs.