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Subject: Re: Blown Speakers - Failure Modes

Posted by [Wayne Parham](#) on Sat, 06 Nov 2010 14:35:34 GMT

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How interesting on the Polk - I remember another guy that did that in Tulsa. I remember because it was so unusual. Most speakers don't suffer overexcursion on the tweeter, but that one clearly did. Since yours did it too, it must have been a common problem. They may have used a weak glue. Or maybe just a crossover problem.

Fuses - I've done that too. But I found the fuse value to be tough to set sometimes. What value did you use? There are a lot of values below 1/2A but they are all too low for most speakers. But once you get over 1/2A, it rapidly gets too big and doesn't offer any real protection. Seems like I used 1/2A for speakers sometimes, but it blew kind of early. I used 1A sometimes too. Haven't done that in a while though. The speaker I was most interested in protecting was the JBL 2115 and it hasn't been available in a while. It was a great sounding speaker, but touchy, pretty low thermal limits.

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