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Subject: Atwater Kent radio restoration

Posted by [dnandy](#) on Wed, 25 Aug 2004 02:06:19 GMT

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I just picked up an Atwater Kent radio at an estate sale. It doesn't work but the tubes glow. It is beautiful so I want to make it work again. Should I replace the tubes? Thanks in advance, David

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Subject: Re: Atwater Kent radio restoration

Posted by [Wayne Parham](#) on Wed, 25 Aug 2004 03:33:16 GMT

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Hi David, You may have a tube problem. Probably the best thing to do is to test them on a tube tester to be sure. Then again, it's nice to have a spare set of tubes, so you might just buy them and replace them one at a time to see if you can isolate a defective tube. Might swap them all at once just to see if it's a tube or not. If so, then start putting the old ones back in until the radio no longer works. You may have more than one bad tube, so try 'em all that way. But don't be surprised if it isn't a tube at all. If you buy them all, do so without expectation. You will have a spare set of tubes at the least. You may find that the capacitors have gone bad or that you have a defective field coil in your speaker. If the tubes aren't what is causing your problem, I'd check the capacitors. If they are original, then they're almost certainly bad. Wayne

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Subject: Re: Atwater Kent radio restoration

Posted by [Geoff Kearley](#) on Mon, 13 Jun 2005 13:41:58 GMT

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I have an Atwater Kent 145 and the capacitors are swollen. They appear to have leaked and dried out. Would you please tell me where I could find capacitors for this radio? The tubes seem to be more common. It is my grandmother's and I would like to restore it to working condition. Geoff Kearley Topsail, Newfoundland Canada

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Subject: Re: Atwater Kent radio restoration

Posted by [Wayne Parham](#) on Mon, 13 Jun 2005 20:02:25 GMT

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Replace the capacitors with polypropylene capacitors of the same value. They are pretty common, so you can get them from any electronics supplier.

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