Subject: When to recap?
Posted by smartt on Tue, 31 Aug 2021 23:03:55 GMT
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Please add to this.

https://www.diyaudio.com/forums/solid-state/376487-recap.html

Subject: Re: When to recap?
Posted by Wayne Parham on Tue, 31 Aug 2021 23:24:07 GMT
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Caps are more prone to age degradation than any other component, especially electrolytics. Actually, most other kinds of caps age well but electrolytics surely don't. So those must be replaced from time to time, especially if the equipment containing them is only rarely used.

Subject: Re: When to recap?
Posted by gofar99 on Wed, 01 Sep 2021 02:42:34 GMT
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Hi, I tend to agree...but in all the time I have been using gear (mostly Marantz) or designing my own I have never had a cap go so far out of wack that I needed to replace it. I suspect it partly comes from having high quality gear and using only similar stuff in my designs. I am sure that budget caps are more likely to fail. A problem I have run into in some folks diy builds using tubes is to use 85C rated electrolytics. Only 105C ones ought to be used and they should be placed away from. heat sources. I get a chuckle out of a lot of vintage gear with "can" caps placed right next to power tubes. A guaranteed way to cause problems. :?

Subject: Re: When to recap?
Posted by Wayne Parham on Wed, 01 Sep 2021 13:11:47 GMT
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One situation where I see a high probability for the need of electrolytic capacitor replacement is the restoration of old tube radios. If I buy a tube radio at an estate sale or something, it is more likely to need power supply capacitors even than it needs tubes. Lots of 'em need both, but almost all need caps. They'll hum like they have no power supply filter at all - 'cause they really don't - the caps are bad. Swap 'em and it's quiet as a mouse. Well, not really. LOL Those old table radios always give a little gentle hum. :)