

Southeastern Antique Radio Society

Newsletter
www.sarsradio.com

Fall 2016



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Caution: Performing repairs on radios can be dangerous. SARS assumes no responsibility for accidents resulting from any information contained in its website or newsletters.

Presidents Message

JIM POWEL

Dear Members and Honored Guests, Well summer is history and fall is here. I hope everyone had an opportunity to get out and enjoy it.

Our Fall Swap Meet at the Golden Corral was a success, the weather was great and attendance was good. We had buyers, sellers, and lookers. The highlight was a table filled with radios, test equipment, and boxes of tubes. These were donated by our club members, and \$223.00 was raised by their sales, we even have 5 radios left over for the winter swap meet.

At the October meeting, no nominations for executive

board members were submitted, so the vote was to retain the same slate of officers for 2017. Paul Hart gave a very interesting presentation on tubes and tube testers. It was just a sampling of what is on the program for the winter swap meet, I am looking forward to the full version.

In conclusion, I'd like to wish everyone a "Happy Holiday Season"

"Table of radios donated by our club members, and \$223.00 was raised by their sales"

Blast from the Past

MARK PALQUIST

Refinishing Wood Cabinets – Part 3 of 3 Restoration Products starting on page2, don't miss it!

Join SARS Now:



Go to our Website at www.sarsradio.com for complete information on how to:

- Become a member
- Have fun at monthly dinner meeting
- Attend triannual swap meets for great deals – buy, sell, trade

In This Newsletter

- Blast from the Past – Refinishing Wood Cabinets Part 3 (**final chapter**) by Mark Palquist
- Interesting Technique for Replacing Capacitors and Resistors in old Chassis by Aries Kosmetatos
- NEW SECTION – Favorite Radios or Manufacturers



1940 Philco 6 Tube Model 40-130T.

Refinishing Wood Radio Cabinets

Part 3 of 3 – Restoration Products

Mark Palmquist

In this last installment, we will describe more restoration products used by professionals and list some sources of supply.

Toners: A toner is simply a lacquer which has a dye or pigment added so the user can achieve the desired color match by spraying on as much or a little as needed to get the desired color. Toners can be applied on top of a previous coat of lacquer to adjust the color. The "sunburst" color effect found on guitars is a good example of what can be done with toners. Toners come in a wide selection of colors. I recently purchased a "starter kit" of Touch-Up aerosol color toners from Wood Finishers Supply <http://www.hghhardware.com> (WFS) in Marietta, GA with Van Dyke Brown, Dark Walnut, American Walnut, Red Black Mahogany, Dark Red Mahogany, Brown Red Mahogany and Black. This represents a small fraction of available colors. Antique Electronics Supply <http://www.tubesandmore.com> carries Mohawk finishes, which are also highly recommended for restoration work.

Touch-Up Wax Sticks: These are like crayons, which are rubbed into a nail hole or gouge to bring up the damage level to the surface while matching the color. Marking Pens are also available in matching colors. These are available at most home-improvement stores. Handy Ace Hardware in Tucker, Georgia (arguably the best hardware store in America) has a good selection, as well as WFS.

Glazes: Glazing is the process of applying a thin coat of pigmented coloring between coats of finish. It can be used to even out colors if a wood surface contains sapwood and heartwood. Since the glaze is applied to a previous coat of finish, it can be brushed out to even the color or removed in certain areas to achieve the desired effect. For a complete discussion of how glazes work consult Bob Flexner's Understanding Wood Finishing. WFS carries a complete selection of glazes for brush application or in marker-pen form.

Stains: Stains come in pigment or dye form. A pigment stain carries solids that lodge between the fibers of the wood to change the color. Dyes are chemicals that are dissolved in the carrier and actually penetrate the fibers of the wood to change the color. MinWax has a good selection of pigment-based stains that seem to match many old radios. You wipe it on, wait a while and remove the excess. If you want it darker, apply a second coat later per the directions on the label. I have not used dye stains (other than toners) so can't recommend a product or source.

Water-based products: For safety and environmental reasons, many refinishers prefer to use products that do not contain volatile organic compounds (VOC's). These are certainly safest for use by amateurs and homeowners. Highland Hardware www.highlandhardware.com in Atlanta has been a pioneer in promoting these safe and friendly finishing products and has a most knowledgeable staff you will ever find to answer any woodworking, tool or finishing question. Highland has weekly seminars featuring world-renowned experts on furniture making, tools and refinishing. Check their website for a schedule of upcoming events.

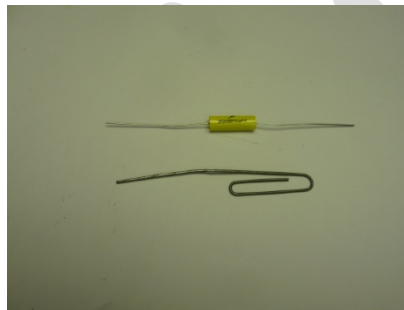
Tips and Tricks – Connecting and Soldering in Old Radios

Aries Kosmetatos

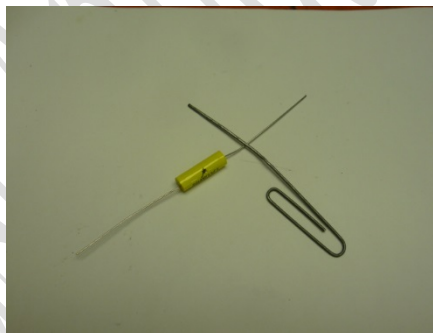
Following is a procedure for soldering in Capacitors and Resistors when restoring an antique or vintage radio chassis. I did not develop this I saw it on YouTube or some place and it struck me as a good way of soldering components. I tried it and now pretty much use it exclusively (editor note – I have tried it as well on my last radio and it works nicely). This is easy to make, no special tools only several different diameter paper clips. Besides making the connections easier to configure, it also keeps you from overheating other components that may be already attached where you have to de-solder a number of leads from a connection. Also, there is less chance of soldering a component in the wrong place as your mounting them on posts.

STEPS

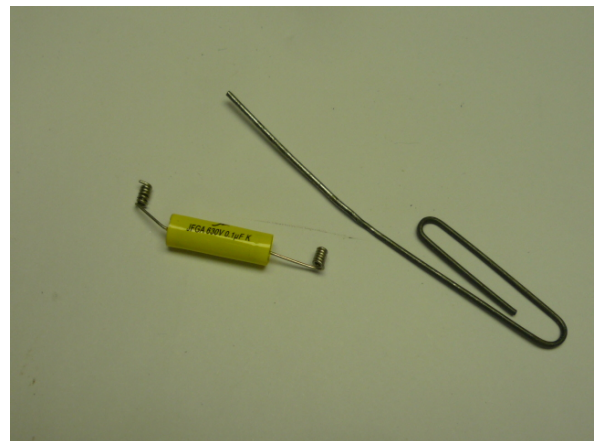
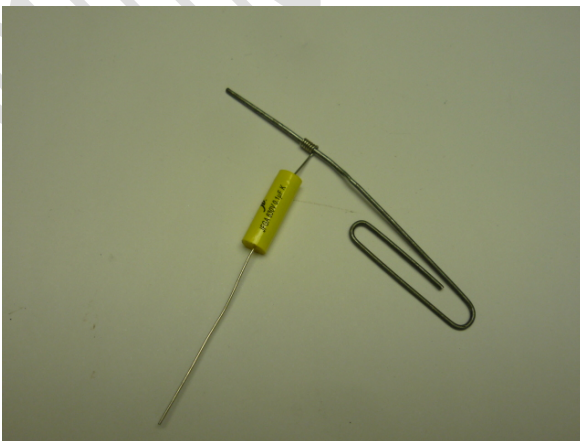
1. Capacitor and paper clip



2. Preparing to wrap the capacitor lead around the paperclip to form the female connection.



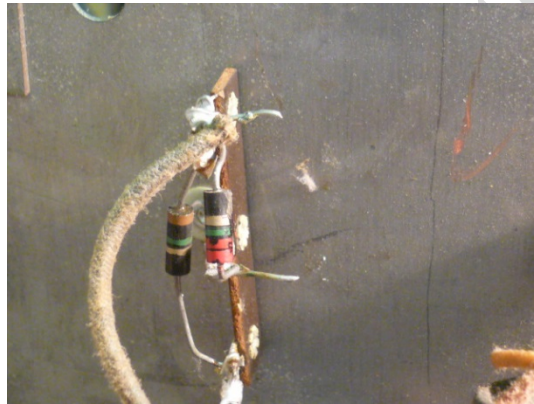
3. Make sure it will fit length wise you add more turns or unwind to make it the proper length



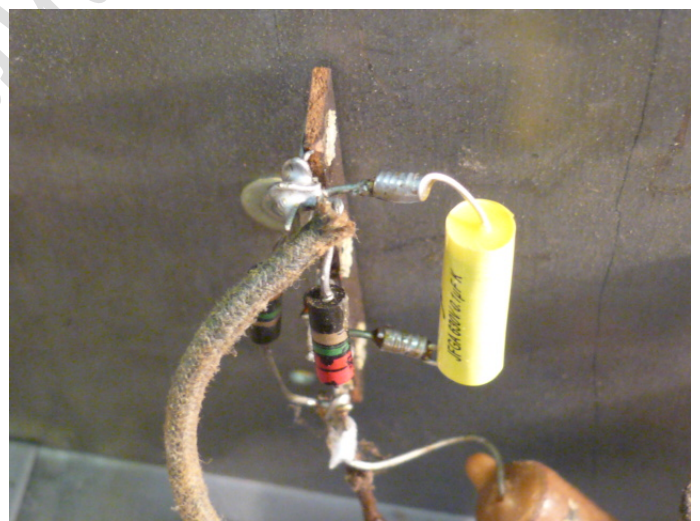
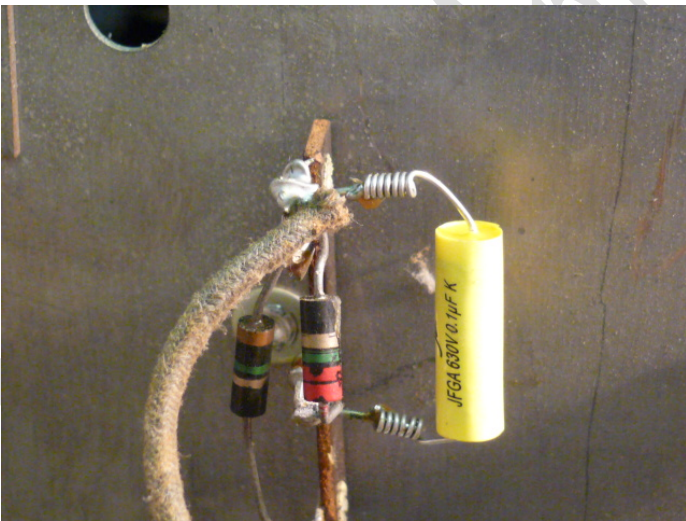
4. Old cap



5. Cut the old cap out leaving about 1/4" of lead from the connection and flux.



6. Place on the posts AND solder!



Members Favorite Radios or Manufacturers – New This Quarter

Lloyd Tate

If I had a nickel for all the times people ask about my favorite radio or manufacturer, well I really wouldn't have much at all. The truth is no one ever asks, but despite that it seems like something us radio heads would actually like to know about each other. So, SARs is bringing you a new newsletter section named appropriately "Members Favorite Radios or Manufacturers"! Ah, I can hear the applause filling the stadium now.

We are curious as to your favorites, so please send your entries to the editor. As an introduction to get us started, I offer you my own member favorite radio tale.

Back in the day, walking to or from school, any radio I noticed in someone's trash automatically went home with me and became my favorite, at least until I got it working or converted it to a parts donor. Although I no longer check people's trash, as far as you know, I do actually buy trash on eBay and at swap meets. The cost of radios is not too bad, the look of "what the heck is that" on my wife and kids faces – priceless as I proudly hold up my catch of the day.

At this point in time, my favorite radio manufacturer would have to be Crosley. The primary reason is that my dad actually worked for Crosley back in the 50's repairing appliances and early TVs. That is right up until they went out of business. He worked there with my uncle and they both did ok afterward, my uncle going to Philco and my dad Westinghouse. So, more of a sentimental reason than anything else, although the history of Crosley is quite interesting in and of itself.

My favorite radio is the Crosley D25, which I have two of – one finished resurrection and the other in process. I guess I just like the looks of it, that 50's looking dashboard style – awesome. I like several others as well of course, General Television being one of them. I have a couple of their radios and like them quite a bit. They are rare, so a bit mysterious because of that and makes them more of a challenge to repair and I guess I like that.



Left and Right– Crosley D25 – circa 1951

Middle – General Television and Radio 605 – circa 1946