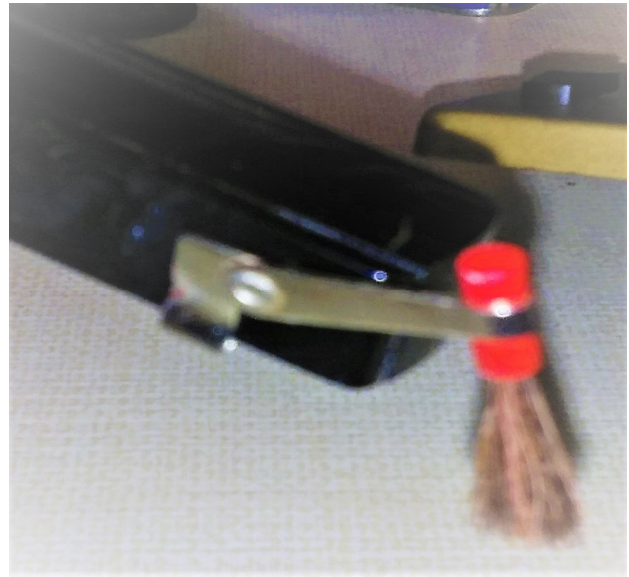
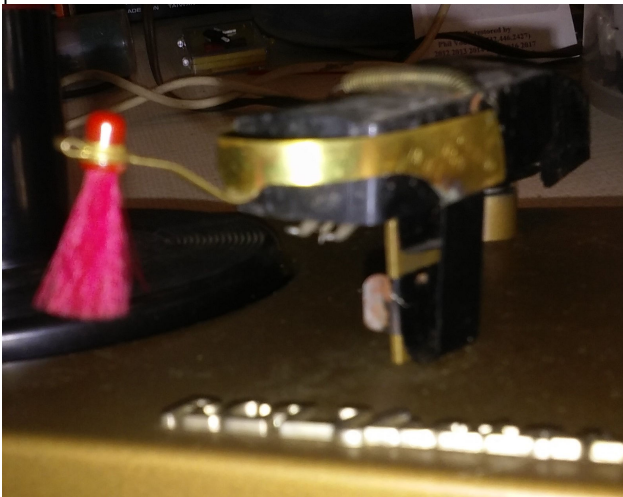


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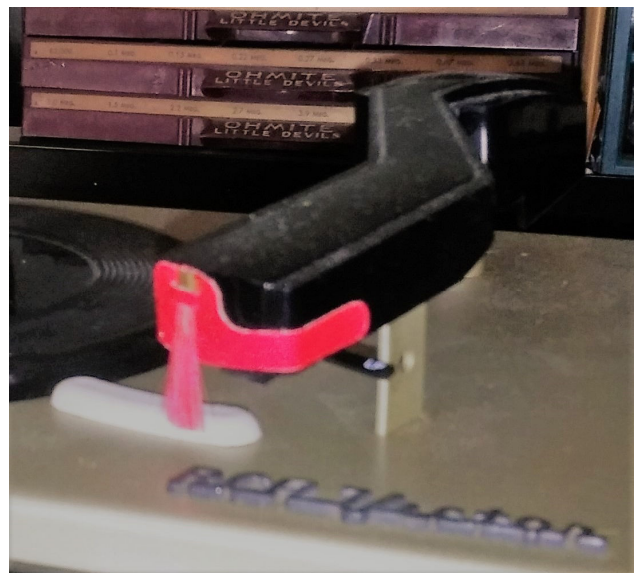
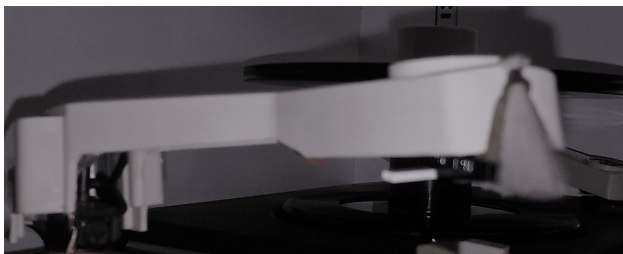
## Brushes- an optional accessory

By Phil Vourtsis

One of the banes of vinyl records is their propensity to attract dust. It is especially bad when the weather is very dry. One of the best ways to handle the problem is to clean each record with special cleaning solutions which are available. I do this with LPs but don't have the patience to clean so many 45s. So the next best thing might be to use a brush while the records are playing.



This does help but creates its own set of new problems. The weight of the brush itself increases the weight on the stylus. But at the same time the brush pushing back on the record creates a decrease of weight on the stylus. So the total weight should be adjusted to compensate for the above factors. But taking a measurement at the stylus or the tonearm does not take into account the brush pushing back on the record. Some of these record brushes are adjustable but if you lift the brush too high it will interfere with the records on the top of the spindle during rejecting. So I end up adjusting without a scale and figure I'm done when the stylus is tracking right. The most popular brush I have come across is the one in the upper right picture. If you have come across other examples, send me a picture and I will include it in the next issue.



# 45rpm Phono Gazette



## RADIO PHONO TV TIPS

1/13/50  
Am

ISSUED BY RCA VICTOR DIVISION OF RADIO CORPORATION OF AMERICA  
CAMDEN, N. J.  
FOR THEIR DISTRIBUTORS AND DEALERS AND INDEPENDENT SERVICE ORGANIZATIONS

VOLUME I

ISSUE I

DATE: January 1, 1950

As the masthead indicates, these news items on technical service problems of radio, phonograph and television apply particularly to RCA Victor instruments and are for the specific information of RCA Victor Distributors, RCA Victor Dealers, and Independent Servicemen handling RCA Victor products.

Some of you "old timers" will remember "Over the Soldering Iron", issued before the war. We hope this news letter will be a worthy successor to it. Your suggestions and criticisms are solicited for improvement of the letter. We further hope you will submit, for publication, service hints and kinks you have developed in your experience with RCA Victor instruments. It is our aim to provide, as rapidly as possible, hot tips on service short-cuts and service problems to all those interested in the radio-television industry. It is our conviction that anything that generally helps the radio-television service industry, helps RCA Victor instrument sales and acceptance.....we want to do our share of helping.

At the risk of sounding like a "Commercial", we have offered the above explanation. Take our word for it, future issues will have a minimum of "editorial comment".....So, here we go.....

### USING MODEL 9JY RECORD PLAYERS ON 6 VOLTS DC

Since Model 9JY employs a 115-volt 60-cycle a-c motor, it is not possible to use this instrument directly on 6 volts d-c. However, electronic inverters are available which will provide 115 volts 60 cycles output when used with 6 volts d-c input. Since the load on the inverters is almost purely inductive, better efficiency is obtained if a 2.5 mfd. capacitor of ample voltage rating is used across the a-c output. Motor generators and rotary converters also work equally well.

### 9T270 SUBSTITUTE SPEAKER (92580-2F)

Eight inch PM loud speakers marked 92580-2F are used in certain 9T270 instruments.

Speaker cones are not stocked for this speaker and therefore it will be necessary to replace the complete speaker when service necessitating replacement parts is required. Parts for speaker stamped 92580-2W, (Stock No. 74169), are listed in the Service Data.

HPP-304-1

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RCA Victor produced **Radio Phono Tv Tips** starting in 1950 which included fixes for problems that were popping up once their new equipment was released for sale. Here is a look at the first issue.

CRYSTAL PICK-UP

As you may know, the voltage output of a crystal does not remain constant with varying temperature. At normal room temperature, the output is higher than at colder or lower temperatures. Do not reject a crystal for low signal output that has been in cold storage, or subjected to low temperatures, wait until it has had a chance to warm up before passing final judgement.

12" KINESCOPE LOW BRIGHTNESS

A few reports have been received from the field of poor efficiency from the 12" kinescope. Investigation proved that the television set had not been properly set up in the consumers home. The ion trap was not positioned correctly. It is very important to have the trap in the correct position to obtain good brilliance. Make sure you have correctly adjusted the ion trap and focus coil before rejecting the kinescope or working in other sections of the chassis to cure the troubles.

RUSTING OF RP168 SERIES RECORD CHANGER PARTS

Please make sure to apply a light film of oil on any locations which exhibit rust when servicing the early RP168 changers making sure that the tone arm pivot shaft is properly cleaned of any rust which may be present.

SOCKET WRENCH FOR CRYSTAL PICK-UPS (SILENT SAPPHIRE TYPES)

A convenient socket wrench to be used when replacing the sapphire stylus of RCA "Silent Sapphire" crystal pickups can be easily made from a #10-32 Allen type set screw (preferably 1 1/4" long).

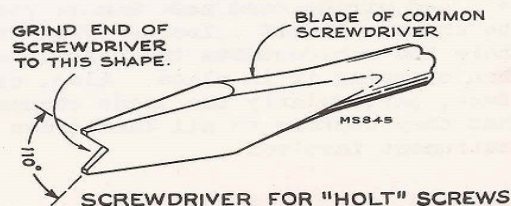
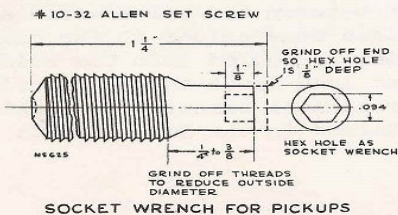
The set screw should be modified as follows:

1. Grind off the threads for a distance of 1/4" to 3/8" from the hexagon socket end.
2. Grind off the hexagon socket end so that the hole is only about 1/8" deep - or partially fill hole so that the nut just goes in until its outer surface is flush with the end. Refer to the illustration below for details.

MODELS 9EY35 & 9EY36

These instruments use a special screw (Holt type) to attach the cabinet base to the cabinet. This was done as a safety measure because the instruments were designed for use by children.

This type of screw can not be removed by either a common or Phillips type of screw driver. A special screw driver for the purpose may be obtained from Central Screw Company, Keene, New Hampshire (specify for #8 fillister head screw - Holt type). A common screw driver may be modified for use with these screws by grinding a "V" in the end. Refer to the illustration below.



WANTED	WANTED	SERVICES	SERVICES
<p><b>Bob Becker</b> (201.391.2971) 7 Woodland Road Woodcliff Lake, NJ 07677 <a href="mailto:rdbbecker@aol.com">rdbbecker@aol.com</a> Beige knob for 8EY4FK Large tuning or vol knob for 9Y510,6JM25 Ding Dong Slideomatic 7HF45 Oak or Maple 8EY4DJ gray plastic front Decca blk/red portable 45 player</p> <p><b>Joe Bentrovado</b> (973.361.7392) Looking for optional pwr supply for 'skipper' model</p>	<p><b>Hank Granse</b> (360-871-9014) 6751 View Dr. SE Port Orchard, WA 98367 <a href="mailto:hgranse@wavecable.com">hgranse@wavecable.com</a></p> <p><b>Bob Green</b> (570-366-3949) 1711 Breezy Acres Rd Orwigsburg, PA 17961 For Sale- 15E Demonstrator <a href="mailto:rcgreen@schmobile.com">rcgreen@schmobile.com</a></p> <p><b>Bob Kolba</b> 480.203.2241 8676 East Woodley Way Scottsdale, AZ 85266 <a href="mailto:Rkolba0211@aol.com">Rkolba0211@aol.com</a></p>	<p><b>Willie Bosco</b> 707.923.3897 1588 Miller Creek Rd. Garberville, CA 95542 <a href="mailto:williamjbosco@gmail.com">williamjbosco@gmail.com</a></p> <p><b>Tom Paruta</b> (716.264.4035) 127 Creekside Drive Amherst, NY 14228 <a href="mailto:TomTMP58@aol.com">TomTMP58@aol.com</a> Zenith Twin Seven I do 1940s thru 1960s phono restorations. Call for quotes.</p> <p><b>Retro-Tronics</b> Custom radio backs and phono bottoms for 45EY2, 7EY series <a href="http://www.retro-tronics.com">www.retro-tronics.com</a></p>	<p><b>Vintage Electronics</b> 128 Buccaneer Drive Hattiesburg, MS 39402 601.264.4755 <a href="mailto:phonoed@aol.com">phonoed@aol.com</a> <a href="http://www.vintageelectronics.com">www.vintageelectronics.com</a> NOS cartridges &amp; needles for almost every model and brand made.</p> <p><b>V-M Audio Enthusiasts</b> (248-478-0990) eves/wkends 37530 E. Meadowhill Northville, MI 48167 <a href="mailto:info@thevoiceofmusic.com">info@thevoiceofmusic.com</a> <a href="http://www.thevoiceofmusic.com">www.thevoiceofmusic.com</a> Rebuilding Service - Idlers, cams. Repair parts including both V-M and RCA 45 players.</p>
<p><b>Charles Cummins</b> (817-732-4313) 3912 Calmont Ave Fort Worth, Texas 76107</p>	<p><b>John Lee</b> 314 East 11<sup>th</sup> St. Upland, CA 91786 <a href="mailto:Nipper45@verizon.net">Nipper45@verizon.net</a> Can scan other character model decals in exchange for Snow White</p>	<p><b>James Romano</b> Phono_restoration_company 301 Haynes Run Medford, NJ 08055 (856-220-9588) Restoration of RCA 45rpm phonos &amp; knock off models. Repair on any changer or turntable. <a href="mailto:JUKEBOXJUNKIE731@aol.com">JUKEBOXJUNKIE731@aol.com</a> Webpage: <a href="http://www.turntablefactory.com/romano.html">http://www.turntablefactory.com/romano.html</a></p>	<p><b>Phil Vourtsis</b> (732-208-4284) 2514 Bear Stand Trail Myrtle Beach, SC 29588 <a href="mailto:philvourtsis@gmail.com">philvourtsis@gmail.com</a> Books signed by author The Fabulous Victrola '45', Schiffer Publishing LTD. \$25 plus \$4 shipping</p>
<p><b>David Cox</b> (937)484-3241 1407 Knight Road Urbana, OH 43078 <a href="mailto:dcc49@yahoo.com">dcc49@yahoo.com</a> 45 spindle for Admiral 5W12N 2-speed record player, bakelite lid for Zenith twin 7 Outer concentric radio/phono knob for Emerson 635</p>	<p><b>Paul Childress</b> (804.271.7842) 6632 W. Denny Ct. Chesterfield, VA 23832 <a href="mailto:pchildress@prodigy.net">pchildress@prodigy.net</a></p>	<p><b>Doug Robinson</b> 2609S. 800E. Salt Lake, Utah 84106 <a href="mailto:Doug45rpm@hotmail.com">Doug45rpm@hotmail.com</a> <b>WANTED: Chris Cuff to restore my Ristaucrat model 2020 player.</b></p>	<p><i>The 45 rpm Phono Gazette is a quarterly publication since 1995. \$7/\$9 for 4 paper issues, \$14/\$18 for 9 paper issues. (USA/Intl) Send to Phil Vourtsis, 2514 Bear Stand Trail, Myrtle Beach, SC 29588 or you can use Paypal (Account is <a href="mailto:philvourtsis@gmail.com">philvourtsis@gmail.com</a> (no credit cards please)</i></p>
<p><b>Dennis D'Amico</b> 11892 Pine Street Los Alamitos, CA 90720-4163 <a href="mailto:lionelguy@yahoo.com">lionelguy@yahoo.com</a></p>	<p><b>Dan Saporito</b> (732.232.2953) 1225 NW 21<sup>st</sup> ST Apt. 302 Stuart, FL 34994</p>	<p><b>Ray Tyner</b> (614-475-1697) 4709 Wendler Blvd Columbus Ohio 43230-1642 <a href="mailto:rcray45rpm@msn.com">rcray45rpm@msn.com</a> Birch 45 player, Steelman 45 player</p>	<p><i>Please note! If you would like to renew your subscription with an 'online' copy there is NO CHARGE. Just send me your email address.</i></p>
<p><b>Jim Diamond</b> (661-396-7867) <a href="mailto:JimDiamond61@gmail.com">JimDiamond61@gmail.com</a> m Want Spike Jones 78s Hot Lips, Holiday For Strings, Down in Jungle Town, Too Young, Chinese Mule Train. Hank Williams "Your Cheatin'Heart/Kawliga ", Tommy Dorsey's "At The Codfish Ball" and Nat King Cole's "Too Young To Go Steady"</p>	<p><b>Martin Wolff</b> (712-525-1054) <a href="mailto:wolfmoma@g.com">wolfmoma@g.com</a> Looking for 45 spindle for 9ED31L 2-speed player. Part # 104271.</p>		
<p><b>Bill Gourd</b> (989-832-2934) 1024 West Park Drive Midland, Michigan 48640 <u>In priority order:</u> 8EY4, 7HF45 (wood case) 8HF45P (portable) 4Y511 (radio/phono)</p>			