

45rpm Phono Gazette



Many of us would like to show off our collections of record players and records. But I don't think this idea goes over too well. It would also be quite a daunting task to climb all over your house to display the records. I think I'll stick to displaying things inside.

You're never too young to get involved in this hobby!



Wonder if this young boy is making an adjustment or just poking around in his 45EY2 record player. I was about 12 years old when I got the courage to start examining electronic things. I experimented with speakers first because they usually did not have very high voltages on them. It was a real kick to connect up different size speakers and hear the different sounds. But then one day



I found an older speaker that had more than two wires connected to it. I was not aware that older speakers used electromagnets instead of permanent magnets. I tried connecting my radio to the different wires and couldn't understand why the volume was so low on this speaker. I kept trying the different wires and must have energized the electromagnet because I got zapped real good. Next I thought it would be cool to design my own phonograph. I used a 1920s radio cabinet which had plenty of room so I decided that the more speakers I used the better it would sound. I mounted 6 speakers in it and connected them to a small 4 tube amp from an RCA Victor 7HF45 player. I don't even remember the record changer I used but I remember it sounded terrible. Too bad I didn't take a picture of it. We had a TV repair guy in the house shortly after that and I asked him to take a look at my creation. After a good laugh he suggested I build an amplifier kit and gave me an Eico brochure. I saved my money and bought an HF86 power amp. After learning how to solder and follow instructions I finished building the amp. Now the next question was, "where are the knobs for volume, bass and treble, etc? Found out the hard way that power amps did not need any of that because you are supposed to connect to a separate preamp. It would have been nice to have a mentor but none of my friends or family knew much about electricity or electronics. I was on my own until I took electrical technology courses in high school. Eventually I built the Eico ST84 preamp and enjoyed many many hours of listening pleasure!

45rpm Phono Tips

PHONOGRAPH MOTOR REPAIR - SELF ALIGNING BEARING TYPE

If a new phonograph motor which has bearings of the self-aligning type is returned for poor torque or low speed, a satisfactory repair can very often be made. This difficulty may be the result of improper alignment of either one or both of the armature bearings. In many cases such motors may be satisfactorily repaired by sharply rapping the bearing mountings with the handle of a screw-driver or similar tool which may allow the self-aligning type of bearing to assume normal alignment. In other instances it may be necessary to actually loosen and retighten the bearing mounting in order to correct for bearing misalignment.

As a guide, power may be applied to the motor with no load, and the motor allowed to come to full speed. Then, remove the power and measure the time required for the armature to stop rotating. If this time is less than approximately three seconds, it will probably be necessary to lubricate and adjust the bearing alignment. A comparison of this coasting time with a motor known to be in good condition will show that the good motor may coast six seconds or more.

45 R. P. M. RECORD CHANGER TURNTABLE ASSEMBLY

Late production of RP 168 record changers use record separators of the "push-out" type in which the separator knives and support shelves are actuated by a cam with spring return. They may be readily identified by "feel" while rotating the star wheel.

Use care in dis-assembly of the "push-out" type of assembly to avoid losing any parts.

To dis-assemble: Remove the two screws which hold the nose to the spindle, raise the nose slightly, hold both separator knives down against shelves before removing the nose. A rubber band can be used to hold the separator knives down.

PHONOGRAPH MOTOR REPAIR - RP-151 REVERSIBLE TYPE

The reversible motor used in our prewar RP-151 record changer, which was used in the V-225 instrument, is in very short supply.

Many of these motors are returned as being irreparable due to an open field or may be returned merely due to low torque. The field windings of this motor are of extremely fine wire, and this wire is very easily broken. In many cases, the broken ends of wire can be located and resoldered, effecting a satisfactory repair.

Correct lubrication of this motor is very important. The armature bearing and the oil well should be very carefully cleaned with carbon tetrachloride or equivalent before lubricating. If the lower portion of the armature shaft has been drilled out for the insertion of an oil wick, this wick should also be cleaned. The capacity of the oil well is approximately fifty drops, and the correct lubricant is Singer Household Sewing Machine oil or equivalent.

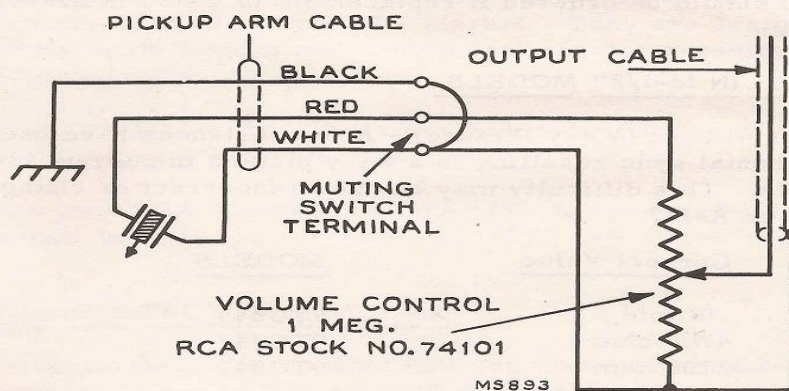
ADDITION OF VOLUME CONTROL TO MODEL 9JY (late Prod.) and MODEL 45J

A volume control on the record player is necessary only where the volume control circuit of the radio is not suitable for controlling record player volume.

Model 45J and late production of Model 9JY have a 1 megohm fixed resistor and an a. c. power switch. Early production of Model 9JY used a 1 megohm volume control and switch.

A volume control may be added to any of these record players by removing the switch and resistor and substituting a volume control and switch (RCA Stock No. 74101). This volume control will fit in the same mounting as the switch.

Refer to the illustration below for connection diagram.



9X571, 9X572 SPEAKER GRILL DIFFUSER RINGS

In the earlier production of these models the speaker diffuser rings were fastened in place to the metal speaker grill with speed nuts slipped over plastic protruding inside of the metal speaker grill.

In later production these protruding plastic tabs were deformed by heat application, securely fastening the diffuser rings to the metal grill.

If replacement of any of the diffuser rings is required in sets which originally used the speed nuts to fasten them in place, it is only necessary to tightly press the rings against the speaker grill, and deform the plastic tabs from the inside with a hot soldering iron.

Any ring may be removed or installed without removing any of the other rings. This may be done by pressing on opposite outer edges to form an ellipse large enough to slip over the next smaller ring. Before any ring can be removed, it is necessary to unfasten the plastic tabs which project into the cabinet.

WANTED	WANTED	SERVICES	SERVICES
<p>Bob Becker (201.391.2971) 7 Woodland Road Woodcliff Lake, NJ 07677 rdbbecker@aol.com 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>Hank Granse (360-871-9014) 6751 View Dr. SE Port Orchard, WA 98367 hgranse@wavecable.com</p> <p>Bob Green (570-366-3949) 1711 Breezy Acres Rd Orwigsburg, PA 17961 For Sale- 15E Demonstrator rcgreen@schmobile.com</p>	<p>Willie Bosco 707.923.3897 1588 Miller Creek Rd. Garberville, CA 95542 williamjbosco@gmail.com Cam kits, and Lowrider cartridges available again!</p>	<p>Vintage Electronics 128 Buccaneer Drive Hattiesburg, MS 39402 601.264.4755 phonoed@aol.com www.vintageelectronics.com NOS cartridges & needles for almost every model and brand made.</p>
<p>Joe Bentrovado (973.361.7392) Looking for optional pwr supply for 'skipper' model</p>	<p>Bob Kolba 480.203.2241 8676 East Woodley Way Scottsdale, AZ 85266 Rkolba0211@aol.com</p>	<p>Tom Paruta (716.264.4035) 127 Creekside Drive Amherst, NY 14228 TomTMP58@aol.com Zenith Twin Seven I do 1940s thru 1960s phono restorations. Call for quotes.</p>	<p>V-M Audio Enthusiasts (248-478-0990) eves/wkends 37530 E. Meadowhill Northville, MI 48167 info@thevoiceofmusic.com www.thevoiceofmusic.com Rebuilding Service - Idlers, cams. Repair parts including both V-M and RCA 45 players.</p>
<p>Charles Cummins (817-732-4313) 3912 Calmont Ave Fort Worth, Texas 76107</p>	<p>John Lee 314 East 11th St. Upland, CA 91786 Nipper45@verizon.net Can scan other character model decals in exchange for Snow White</p>	<p>Retro-Tronics Custom radio backs and phono bottoms for 45EY2, 7EY series www.retro-tronics.com</p>	<p>Phil Vourtsis (732-208-4284) 2514 Bear Stand Trail Myrtle Beach, SC 29588 philvourtsis@gmail.com Books signed by author The Fabulous Victrola '45', Schiffer Publishing LTD. \$25 plus \$4 shipping</p>
<p>David Cox (937)484-3241 1407 Knight Road Urbana, OH 43078 dcc49@yahoo.com 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>Paul Childress (804.271.7842) 6632 W. Denny Ct. Chesterfield, VA 23832 pchildress@prodigy.net</p>	<p>James Romano Phono_restoration_company 301 Haynes Run Medford, NJ 08055 (856-220-9588) Restoration of RCA 45rpm phonos & knock off models. Repair on any changer or turntable. JUKEBOXJUNKIE731@aol.com Webpage: http://www.turntablefactory.com/romano.html</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/Int'l) Send to Phil Vourtsis, 2514 Bear Stand Trail, Myrtle Beach, SC 29588 or you can use Paypal (Account is philvourtsis@gmail.com (no credit cards please)</i></p>
<p>Dennis D'Amico 11892 Pine Street Los Alamitos, CA 90720-4163 lionelguy@yahoo.com</p>	<p>Doug Robinson 2609S. 800E. Salt Lake, Utah 84106 Doug45rpm@hotmail.com WANTED: Chris Cuff to restore my Ristaucrat model 2020 player.</p>		
<p>Jim Diamond (661-396-7867) JimDiamond61@gmail.com 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>Dan Saporito (732.232.2953) 1225 NW 21st ST Apt. 302 Stuart, FL 34994</p> <p>Ray Tyner (614-475-1697) 4709 Wendler Blvd Columbus Ohio 43230- 1642 rcray45rpm@msn.com Birch 45 player, Steelman 45 player</p>		
<p>Bill Gourd (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>	<p>Martin Wolff (712-525-1054) wolfmoma@g.com Looking for 45 spindle for 9ED31L 2-speed player. Part # 104271.</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>