



SERVICE SLANTS

YOUR QUESTIONS OR COMMENTS ON "SERVICE SLANTS"
ARE WELCOME AT ANY TIME

ISSUED BY WURLITZER SERVICE DEPT., NORTH TONAWANDA, N. Y.

SUBJECT: Records start playing at high sound level and then reduce to normal.

Reports have been received in which the above condition has existed. It has been found to be caused by aging of the tubes and variations in tube characteristics in the level control circuit. This condition has been corrected in current production at the factory and to handle any complaints encountered in the field the following steps are suggested:

For the Model 540 Monophonic Amplifier---

1. Remove the amplifier from the phonograph and place on a bench in its normal mounting position with the tubes and top side of the printed circuit board in view.
2. Refer to the Wiring Diagram, No. 118777, on Pages 49-50 of the 2500 Manual, for the R-30 resistor at V-2. This is a 680K 1/2 watt resistor color coded blue, grey and yellow. It will be located at the left hand end of the printed circuit board to the left of the 12AX7 tube socket.
3. Carefully remove the 680K resistor and replace with a 330K 1/2 watt resistor, Part No. 72252-32. CAUTION: Use a small, low heat soldering iron to prevent damaging the printed circuit.
4. Replace the amplifier in the phonograph and test for proper operation. Mark the change on the wiring diagram in your 2500 Manual for future reference.

Should this condition appear in the Model 542 Stereophonic Amplifier, the following steps are suggested for correction---

1. Remove the amplifier from the phonograph and place on a bench resting upright on the two output transformers with the interior of the chassis pan visible.

2. Refer to the Wiring Diagram, No. 118771, on Pages 47-48 of the 2500 Manual, for the R-44 resistor located at V-7. This is a 560K 1/2 watt resistor color coded green, blue and yellow. This resistor will be found connected between the second and third lugs on the terminal strip mounted in the upper left hand corner of the chassis pan.
3. Remove the 560K resistor and replace it with a 390K 1/2 watt Resistor, Part No. 72254-32.
4. Replace the amplifier in the phonograph and test for proper operation. Mark the change on the wiring diagram in your 2500 Manual for future reference.