



SERVICE SLANTS

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

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

SUBJECT: Interchangeability of Late Model Playraks (Coin Register Mechanism)

A change has been made recently with TR-1 (Timing Relay #1) in the playrak. The copper slugs are eliminated, a residual disc has been added to the armature, the coil is larger and more efficient. Some of these new relays were installed in playrak housings with the old silk screen showing this unit as interchangeable with Models 2100, 2150, 2104, 2200, 2250 and 2204. However, it will only work satisfactorily in the Models 2104 and 2204. These units were installed in the Model 2204 at the factory.

When used in the Models 2100, 2150 and earlier Models 2200 and 2250, the cancel solenoid pulse is short, it will fail intermittently to cancel off a credit. This can be corrected by installing a 20 mfd. 50 volt condenser and a 51 ohm 2 watt resistor in series between Pin #1 and Pin #6 of the coin register mechanism socket located in the stepper junction box. This added condenser and resistor gives a pulse of a longer duration for the cancel solenoid coil. Care should be taken that the condenser is polarized. Connect one side of the 51 ohm resistor to Pin #6, the other side to the positive or \nearrow side of the 20 mfd. condenser. Connect the common side of the condenser to Pin #1.

Playraks shipped into the field with red color silk screening, shown as interchangeable with Models 2100, 2150, 2200 and 2250, the TR-1 will have copper slugs and the residual disc on the armature. These units can be interchanged in all the models listed as well as the Models 2104 and 2204.

At the present time the installation of the 20 mfd. condenser and 51 ohm resistor in the 2200 and 2250 stepper junction box is incorporated into the assembly lines. This stepper unit with the condenser and resistor installed in the junction box and the new relay in the coin mechanism can be recognized by the Code M3 on the stepper junction box unit and Code 10 on the inspection tag.

The final result of the coin register mechanism with the new TR-1 with no slugs, residual discs on the armature, and larger and more efficient coil and the condenser and resistor in the 2200 and 2250 junction box when 100% at the packing line can be recognized in the field by the silk screen on the playrak housing which will read Models 2200, 2250 and 2204, and will start with Model 2200, Serial No. 358851, and Model 2250, Serial No. 336724. The Code M3 will then be discontinued. However, this latest playrak can also be used in the 2104 without any changes.

This is important only if you interchange these playraks in different model phonographs.