



SERVICE SLANTS

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

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

SUBJECT: To eliminate arcing and pitting of contacts on the Pulse Relay in the Model 259, 2300 and 2400 Steppers.

To rewire the Model 2300 and 2400 Stepper Junction Boxes the following steps are recommended:

1. Remove the Stepper Junction Box from the phonograph and remove the bottom cover.
2. Locate the 27 ohm 1 watt resistor which is wired in series with a .5 mfd. 400V. capacitor. These are soldered to the four terminal insulated mounting strip in front of the Pulse Relay and the Reversing Relay.
3. Remove the 27 ohm resistor and discard it.
4. Solder a four inch piece of wire to the .5 mfd. capacitor at the terminal left open by removal of the 27 ohm resistor.
5. Solder the other end of the four inch jumper wire to the side lug on the 3/10 ampere Fuse Post.
6. Move the other end of the .5 mfd. capacitor from its present terminal (with the red ground wires) to the adjacent terminal having one red wire which connects to number two contact of the Pulse Relay and a pink wire which connects to number two contact of the Transfer Relay.
7. Replace the bottom cover, install the Stepper Junction Box in the phonograph and check both phonograph and wall boxes for correct operation.
8. The accompanying wiring diagram shows the .5 mfd. 400V. capacitor, C-1 and the 27 ohm 1 watt resistor, R-1, as they are wired in the present circuit. The dotted line is the circuit as revised with the resistor marked for removal.

To rewire the Model 259 Stepper, used with Model 2410 and 2510 Phonographs, the following steps are recommended:

1. Remove the stepper assembly from the phonograph.

2. Disconnect the .5 mfd. 400V. capacitor (mounted directly in back of the four circuit step-up assembly) from the ground lug.
3. Solder the .5 mfd. capacitor lead, removed from the ground lug, with a five inch jumper wire, to the vacant lug available on the insulated terminal strip directly in front of the capacitor.
4. The other end of the jumper wire should be soldered to the group of dark green wires (negative D. C.) on the other insulated terminal strip in back of the 100 mfd. 50 volt electrolytic capacitor.
5. Install the Stepper Assembly in the phonograph and check both the phonograph and wall boxes for correct operation.

