



SERVICE SLANTS

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

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

SUBJECT: Replacement of metal coin switch paddles with molded plastic paddles.

The following is a list of the various parts used in the coin paddle assembly which may be ordered as needed through the regular channels.

Part No. 119107	- Complete Coin Switch Assembly
Part No. 119107-A	- Long Coin Paddle (3 used)
Part No. 119107-B	- Short Coin Paddle (1 used)
Part No. 119107-C	- Long Shaft (1 used)
Part No. 119107-D	- Long Spacer (1 used)
Part No. 119107-E	- Iron Washer (2 used)
Part No. 119107-F	- Copper Washer (3 used)

1. To replace the coin paddles, remove the Slug Rejector Assembly from the phonograph.
2. Remove the Switch, Wire and Bracket Assembly from the Slug Rejector Lower Mounting Bracket by removing two 6-32 x 1/4" R. H. Screws and the cable clamp.
3. Cut off one flattened end of the coin paddle pivot shaft and carefully remove the shaft. Three of the six copper washers may be used with the new plastic paddles.
4. The lower edge of the Switch Mounting Bracket, which served as a stop for the old coin paddles, must be ground back flush with the ears through which the shaft is mounted to provide room for the larger plastic paddles. Remove any burrs which may be turned up.
5. The lower screw hole used to mount the coin switch assembly to the lower mounting bracket of the Slug Rejector Assembly should be drilled with a #27 drill to provide clearance for the 6-32 x 1/4" Mounting Screw.
6. While the shaft and coin paddles are off the Coin Switch Mounting Bracket, adjust the short contact blades by forming the four heavy stop blades to provide 3/64" clearance between the short contact blades and the phenolic insulating plate under them as measured at the 90° bend.
7. Adjust the long blades by forming to a dimension of 19/32" as measured from the

end of each blade to the phenolic insulating plate.

8. A piece of scotch tape is useful to hold the contact blades in position to properly engage the paddles as they are installed.
9. Insert the shaft from the 50¢ paddle side of the mounting bracket about half the length of the shaft.
10. Install one Copper Washer, Part No. 119107-F, then a Long Paddle, the new Spacer, Part No. 119107-D, another Long Paddle, Part No. 119107-A and a Copper Washer, Part No. 119107-F.
11. Install the third Long Paddle, Part No. 119107-A, a Copper Washer, Part No. 119107-F and the Short Paddle, Part No. 119107-B.
12. The two Iron Washers, Part No. 119107-E, should be installed on the shaft between the short paddle and the 5¢ side of the mounting bracket.
13. Slide the shaft completely through the mounting bracket so that the flattened end stops against the 50¢ side of the bracket. Check the alignment of the coin paddles with the switch blades and check for binds before flattening the round end of the shaft.
14. The tension of the long 50¢ contact blade should be adjusted so that 3 to 5 grams pressure at the tip of the 50¢ paddle will close the 50¢ contact points. The 25¢, 10¢ and 5¢ contacts should close with $1\frac{1}{2}$ to 2 grams pressure at the tip of the respective paddles.
15. Install the Bracket and Switch Assembly on the Slug Rejector using the original 6-32 x 1/4" R. H. Screw in the upper mounting hole. The lower mounting hole, which was enlarged, should have the 6-32 x 1/4" R. H. Screw inserted from the back side and a lock washer and nut installed. Replace the complete assembly in the phonograph and test for correct registration of coins and phonograph selection.