

# SERVICE SLANTS

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

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

Subject: Model 5210 Wall Box, Selector Button Latch Bar Setting.

The button latch adjustment for Model 5210 Wall Boxes is described in detail on pages 11 and 12 of your Model 5210 Service Manual, 312-S Volume 11. Where trouble is encountered with the rotating plate and rocker assembly oscillating and giving 2 selections on the Models 2100 and 2150 when using the Model 5210 Wall Boxes, the above subject selector button latch bar setting should be checked as follows:

## Button Latch Adjustment.

The three phases of button latching are governed by the button latch cam (an integral part of the coin counter cam and hub assembly). The first phase, in the "at rest" position of the mechanism, is governed by the cam highest surfaces. In this position the arm, hub, and roller assembly will have its maximum effect of the "pivot arm and adjusting screw assembly". When the adjusting screws are properly set, the mechanical condition of the three selector switch latch bars will be entirely disengaged, to leave all buttons entirely free of any latching action. An approved method for latch bar adjustment follows:

(1) With the button latch cam in the "at rest" phase of the cycle, set the adjusting screws to just produce latching action of the switch rods when buttons are pressed.

(2) Slowly turn the adjusting screws "in" until the latched button is released.

(3) From this point, turn the screws "in" one complete turn and set the lock nuts.

(4) If this setting is accurately accomplished, the latch bar will not bottom when the cam follower of the "arm, hub, and roller assembly" is on the highest point of the "button latch cam". Also all buttons should be locked out, or in, when the cam follower is on the low surface of the cam track. The intermediate section of the cam track is the "make selection" surface. It produces latch bar action to a point where buttons will be latched when pressed, but may be released by pressing another button in the same group.

(over)

(5) During the selection phase of the cycle, when the cam follower is on the low section of the cam, the selector switches will be latched to their full depths, where no buttons may be pressed and none may be released. Under operating conditions, release of the buttons must not occur before the selector contact of the "coupling insulator, and spring assembly" has passed the last pulse patch on the contact plate as shown in the accompanying figure.

