



SERVICE SLANTS

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

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

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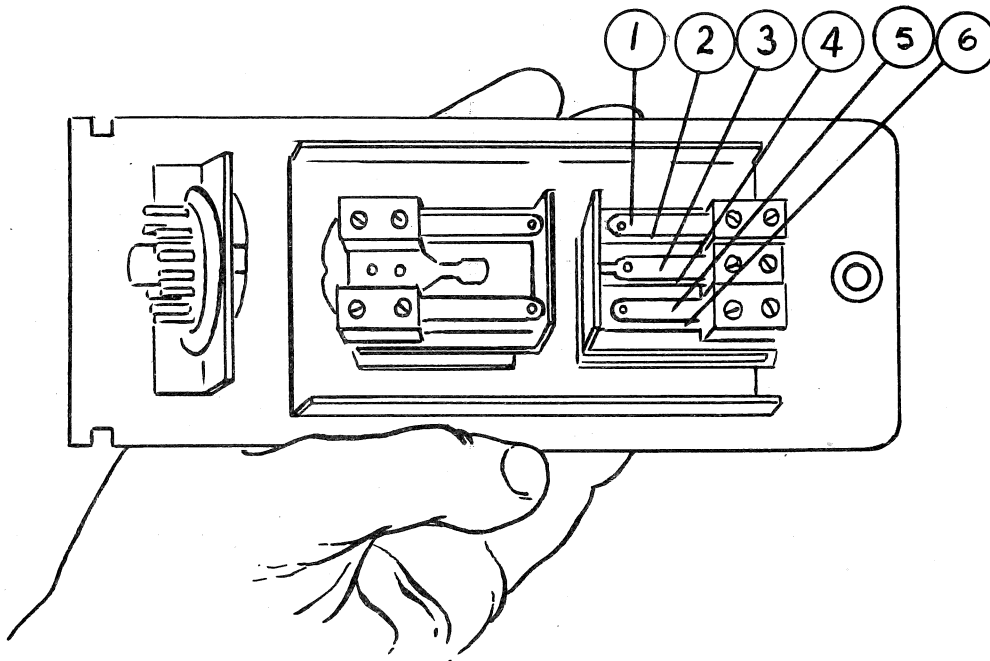
SEQUENCE OF CONTACT SETTING FOR RELEASE RELAY

The Release Relay, Part No. 45366, located in the Junction Box is equipped with three pair of contacts, two pair being normally closed and the third pair normally open.

When the Release Relay is closing, the correct sequence of contact action is for pair #5 and #6 to open before pair #3 and #4 close. Next that pair #3 and #4 close before pair #1 and #2 open.

Should the points require cleaning do not use file or emery cloth. Use clean carbon tetrachloride, dry thoroughly and remove lint or film by using strips of any good grade bond writing paper.

To check the release relay lift out the relay door assembly, hold with the plug to your left. In this position contacts #5 and #6 are next to operator and are the first to check. Next check center pair, #3 and #4 with #1 and #2 last.





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Contacts #5 and #6 should have a minimum contact gap of .008 inch with armature held squarely against relay core. The over travel, which assures good wiping action, should be a minimum of .005 inch on this pair. This is measured by placing feeler gauge of this thickness between armature and armature stop and adjusting blade so that contacts just touch.

Contacts #3 and #4 should have a minimum contacting gap of .010 inch in the normally open position and an over travel of at least .010 inch. On this pair the feeler gauge is placed between armature and core of relay and adjusting blades so that contacts just touch.

Contacts #1 and #2 should have a minimum contact gap of .006 inch and an over travel of .010 inch, feeler gauge used between armature and strap.

These minimum measurements are taken with the armature stop set so that the total minimum armature travel is .025 inch and therefore are not as critical as pictured. Where the armature gap may run up to .035 or .040 the contact measurements will also increase respectively. By keeping setting in proportion to given measurements will assure proper sequence of relay.