

INSTALLATION INSTRUCTIONS

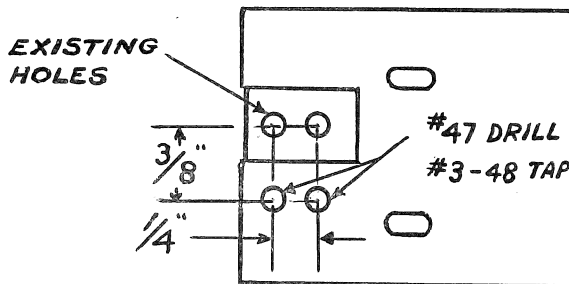
for

FULL STROKE SWITCH KIT - PART NO. 51577

Remove three #36507 special screws and lift cover from Moto-drive.

1. Loosen two #24996 set screws, remove #45479 cancel pawl spring, #45576 retaining ring, #45435 washer, #45307 shoulder screw and lift out Cancel Pawl and Arm Assembly. File or drill out the short stud holding the short insulator and remove the stud and insulator from the cancel arm. Insert new #47461 stud andpeen or center punch tip of stud carefully to hold firmly in place. Install #47462 insulator and #33732 washer andpeen end of stud to hold. Reinstall cancel pawl and arm assembly, shoulder screw and cancel pawl spring. In those cases where the long stud and insulator are found already installed, Step 1 may be omitted.

2. Remove two screws and move Cancel Solenoid Assembly away from bracket. Remove two screws and move Release Switch Assembly away from bracket. Drill 2 holes, #47 drill, to the dimensions shown and tap with #3-48 tap.



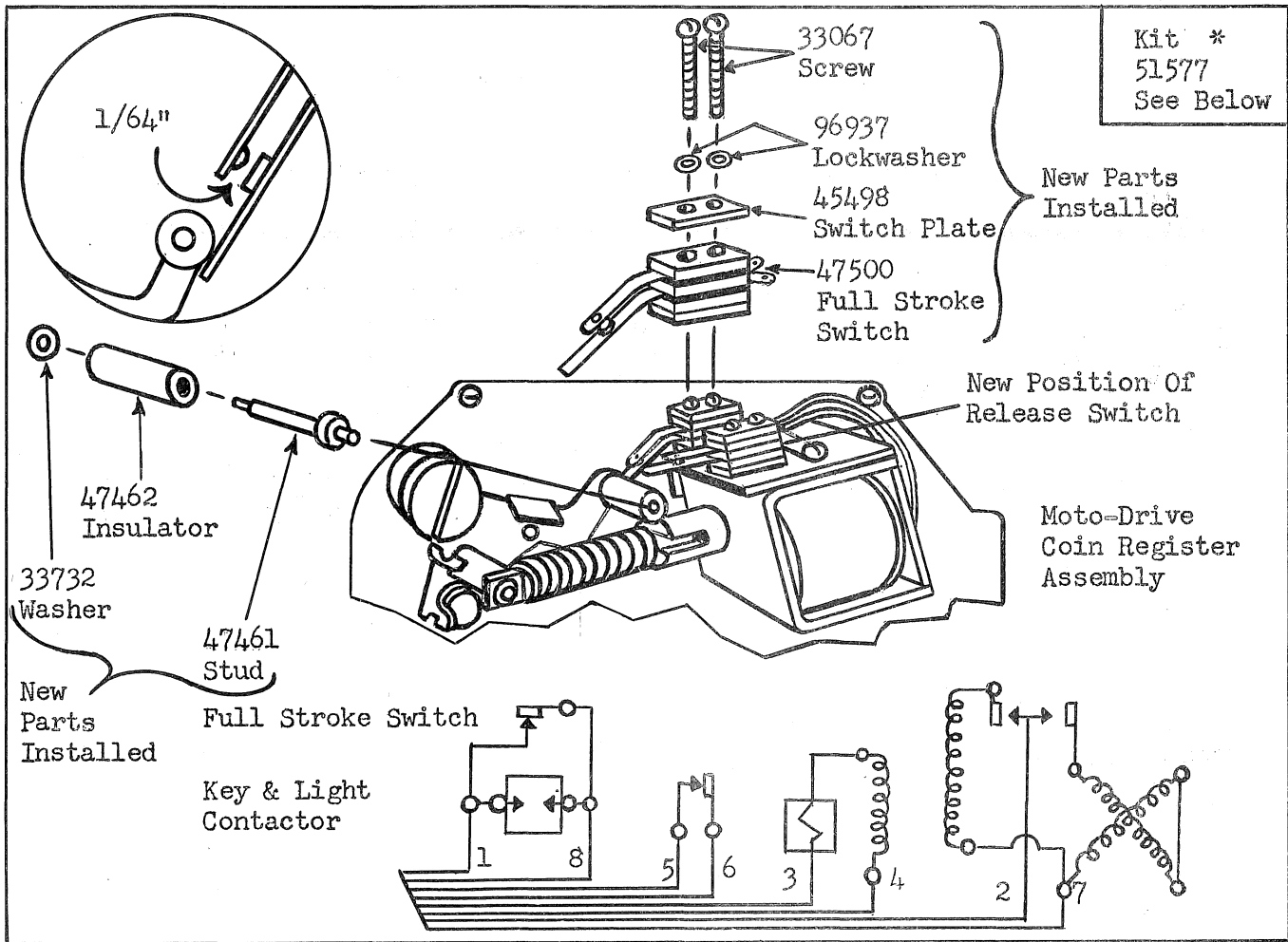
NOTE

In those cases where the additional holes for mounting the Full Stroke Switch are found already drilled and tapped, in the Cancel Solenoid Bracket, Step 2 may be omitted.

Reinstall Cancel Solenoid Assembly, #45435 Washer and #45576 Retaining Ring.

3. (If Step 2 has been omitted, remove Release Switch Assembly.) Install #45491 Release Switch Assembly in new holes in Solenoid Bracket, taking care to reinstall the insulating paper under the switch assembly. Bend up rear of insulating paper to form a barrier between the two switch assemblies. Install #47500 Full Stroke Switch, #45498 Switch Plate, two #96937 Lockwashers and two #33067 Screws in former location of Release Switch. Provide two insulated jumper wires and wire Full Stroke Switch in parallel with Key and Light Contactor, soldering all connections carefully. Bend and adjust soldered connections at both Full Stroke and Release switches to eliminate possibility of touching and shorting.
4. Check the following adjustments: Cancel Lever, Cancel Lever Travel, Cancel Solenoid and Release Switch, as described under these headings on pages 32 and 33, Adjustments Section III, Model 1015 Service Manual. Check adjustment of Full Stroke Switch as described on the reverse of this page. Plug Moto-drive into phonograph or test unit and check operation. Replace cover and three special screws.

FULL STROKE SWITCH IN LATER COIN MOTO-DRIVES



The full stroke switch is a normally closed switch. When properly adjusted, the contacts are held open, spaced at 1/64 inch, by the insulator on the cancel pawl and arm assembly, when the cancel mechanism is in its normal or rest position. The switch contacts must close with good wiping action at the instant the cancel arm begins a cancel stroke. At the same time, the tension on the long blade must not be so great as to prevent the cancel arm from returning fully to its normal position at the completion of its stroke, and opening the contacts.

The purpose of this switch is to make cancel action more positive as the last play is canceled from the accumulator, should the key and light contactor open before the main relay has locked. It also makes possible a broader tolerance in the adjustment of the contactor switch adjusting screw and the cut off block on the cancel wheel.

Adjustment of the release switch remains the same, as described on page 33, Adjustments Section, Service Instructions Manual for Model 1015.

* The various parts pictured above are furnished in kit form under Part #51577.