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INSTALLATION OF THE TP122362 SET OF PARTS ON 15 TYPING UNIT FOR TABULATOR CUT-OUT

1. GENERAL

1.01 This section gives information for installing the TP122362 set of parts, which provides a manual switch control of tabulation on a 15 teletypewriter for TWX subscribers who wish to tabulate some of their traffic.

1.02 The teletypewriter must be equipped with the standard tabulating mechanism and may have either friction or sprocket feed. The existing switch on the printer base cannot be used for power control since the tabulator cut-out control switch will take this position.

1.03 The mechanism blocks tabulation until the attendant activates the tabulating feature by momentarily closing a control switch. This switch operates a magnet which locks up and permits tabulation. When the power is shut off at the end of transmission the magnet is released and again disables the tabulator mechanism.

1.04 The adjusting procedures for the mechanism are given in Section P36.618, which also contains a description of its operation.

2. SET OF PARTS:

2.01 The TP122362 set of parts (Fig. 1) consists of:

1		Magnet Assembly
1		Lever and Bracket Assembly
1	TP122376	Cable (Assem.)
1	TP122377	Switch
6	TP6811	Screws
3	TP7095	Plates
1	TP74946	Insulator
2	TP72508	Screws
2	TP2191	Lock Washers
2	TP7002	Washer
2	TP82702	Screws

3. INSTALLATION

3.01 The side of the TP84115 armature that is stamped C should face the TP2191 lock washer, and the TP122373 shoulder screw should be tightened.

3.02 Remove the typebar carriage from the typing unit. Remove the TP74736 spacing stop-lever bracket from the typing unit and retain its mounting screws, lock washers, and washers. Transfer the TP74737 spacing stop lever, TP125120 shoulder screw, TP2191 lock washer, TP3598 nut, TP81895 spring post, and TP74882 spring from the TP74736 bracket to the lever and bracket assembly furnished. Discard the TP74736 bracket.

3.03 After loosening the TP8539 blocking-lever extension screws, mount the lever and bracket assembly (with the parts installed as above) in place of the discarded bracket, keeping the TP122372 blocking-lever extension raised well above the TP86773 space-pawl link. Tighten the TP8539 screws friction-tight. **Fig. 1**

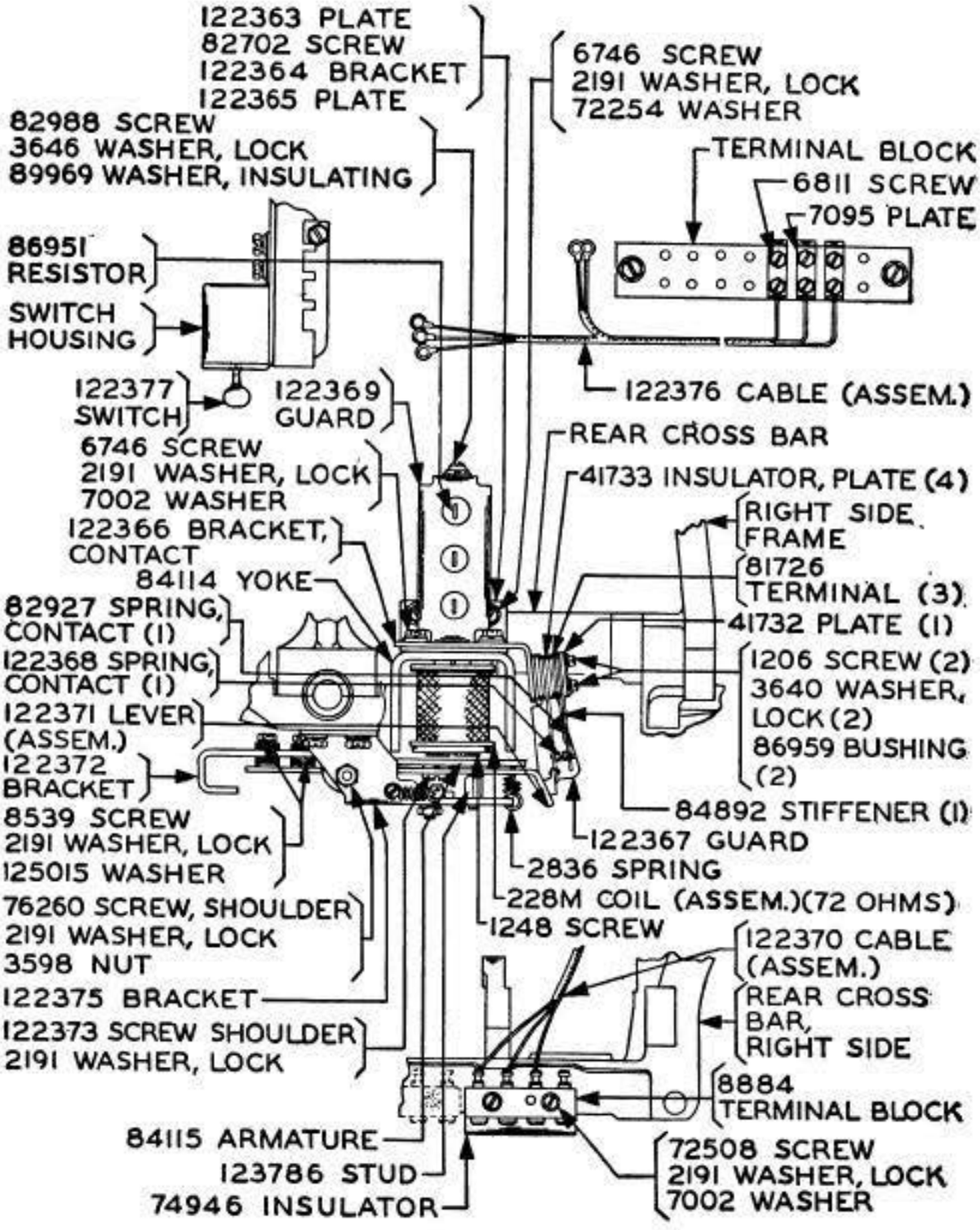
3.04 Remove the TP43954 signal bell. Remove and discard the TP74413 signal-bell-hammer backstop. Remove the TP122363 plate from the magnet assembly and make note of the position of the TP122365 plate. Use the TP82702 flat head screws to secure the TP122363 plate to the typing unit in place of the signal bell hammer backstop. The guide pin should be toward the front of the machine, and the TP228 magnet coil should be secure on the TP84114 yoke. Remount the magnet assembly on the TP122363 plate and check the location of the TP122365 plate. Mount the TP8884 terminal block (attached to the TP122370 cable) and the TP74946 insulator next to the existing one on the bottom of the typing unit using the TP72508 screws, TP2191 lock washers and TP7002 washers furnished. **Figs. 1 and 2**

3.05 Remove the power switch from the base unit and discard it, but retain the TP1166 mounting screws. Splice and tape the wires removed from the switch.

3.06 Use the two TP1166 screws to mount the TP122377 switch. The lever should be in a downward position.

3.07 Use the TP7095 plates and TP6811 screws to attach the TP122376 cable assembly (with the TP7094 connection springs) to the TP74568 terminal block on the base. See Fig. 1 for proper arrangement of connection springs on terminal block. **Fig. 1**

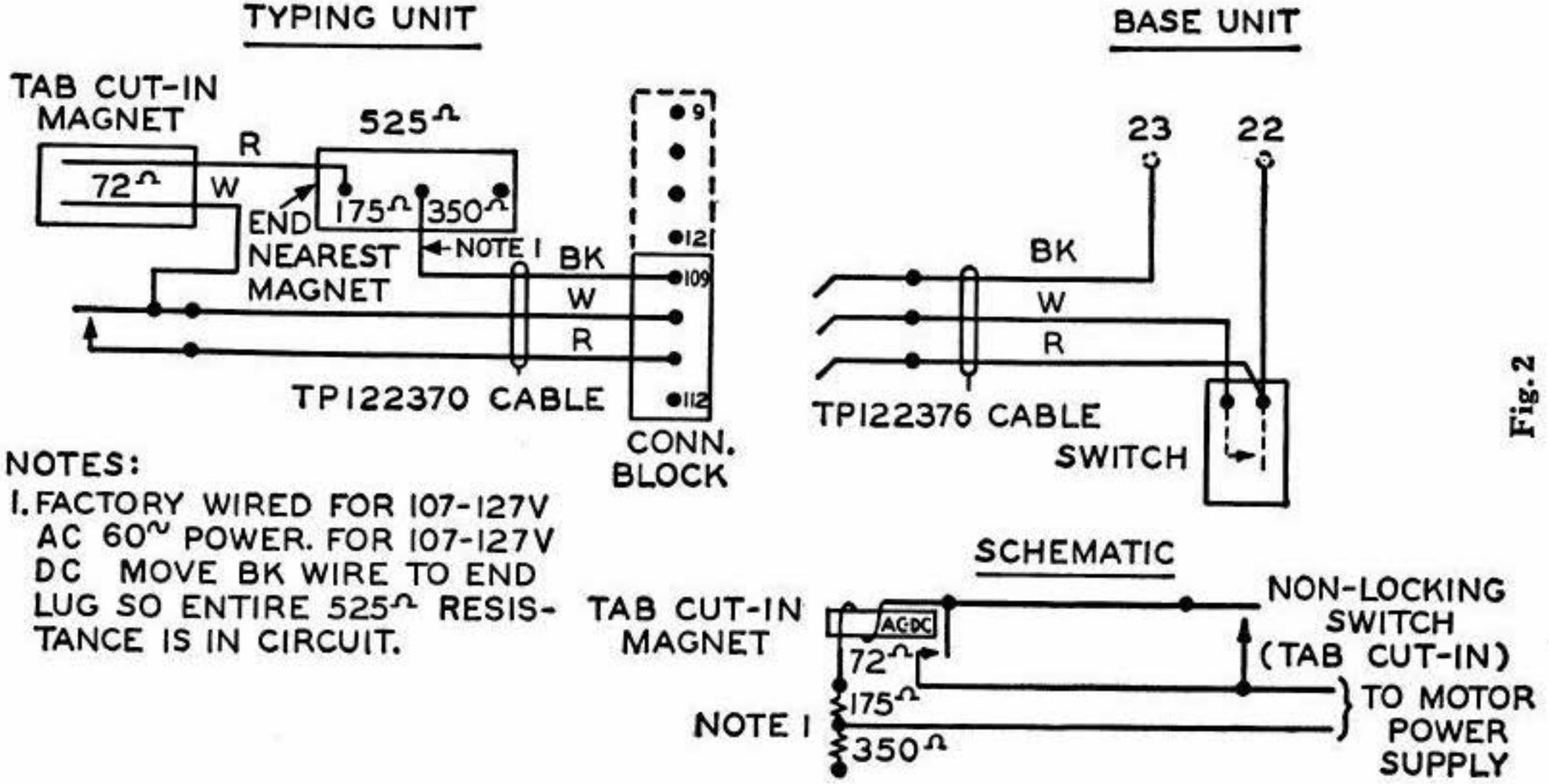
3.08 Wire the apparatus as shown in Fig. 2 for ac or dc as required. Tie all wiring in place so as to clear all moving parts. The resistor lugs should clear the guard by at least 3/32". **Fig. 2**



NOTE: PREFIX TP BELONGS WITH ALL PART NUMBERS

Fig. 1

ACTUAL



NOTES:

1. FACTORY WIRED FOR 107-127V AC 60~ POWER. FOR 107-127V DC MOVE BK WIRE TO END LUG SO ENTIRE 525Ω RESISTANCE IS IN CIRCUIT.

SCHEMATIC

Fig. 2