

BELL SYSTEM PRACTICES
Teletypewriter Stations

SECTION P36.484
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AT&T Co Standard

MODIFICATION OF 15-TYPE TELETYPEWRITER BASE FOR USE WITH 15AK TYPING UNIT

1. GENERAL

1.01 This section describes the modification of the 15-type teletypewriter base to be adapted for use with the No. 15AK typing unit which has two-color printing mechanism under the control of function levers. The modification kit required is the TP113697 modification kit.

1.02 The TP113697 modification kit consists of:

<u>Quantity</u>	<u>Code</u>	<u>Title</u>
2	TP7094	Spring, Connection
2	TP7095	Plate, Spring
4	TP6811	Screws
1	TP96456	Bracket, Mounting
1	TP86951	Resistor, Fixed
1	TP125330	Screw
1	TP3438	Washer
2	TP89969	Insulator, Washer
1	TP3646	Washer, Lock
1	TP70464	Nut
1	TP96276BR	Wire, Connector
1	TP96276R	Wire, Connector
1	TP97648	Wire, Strap

2. INSTALLATION

2.01 Remove the TP74551 insulator from the base unit. Use the two TP7095 spring plates and the four TP6811 mounting screws to assemble the two TP7094 connection springs to the TP74568 terminal block in Positions 109 and 110.

2.02 Mount the TP86951 resistor and TP96456 mounting bracket under the rear TP8539 screw of the TP74422 relay bracket so that the formed section is toward the left vertical plane of the base and so that the resistor when mounted extends towards the right. Use the TP125330 screw, TP3438 washer, TP89969 insulator washers, TP3646 lock washer and TP70464 nut.

3. WIRING

3.01 Remove the TP74568 terminal block.

3.02 Connect one end of the TP96276BR connector wire to the right-hand terminal of the TP86951 resistor and solder at the other end to the TP7094 connection spring installed in Position 110. **Fig. 1**

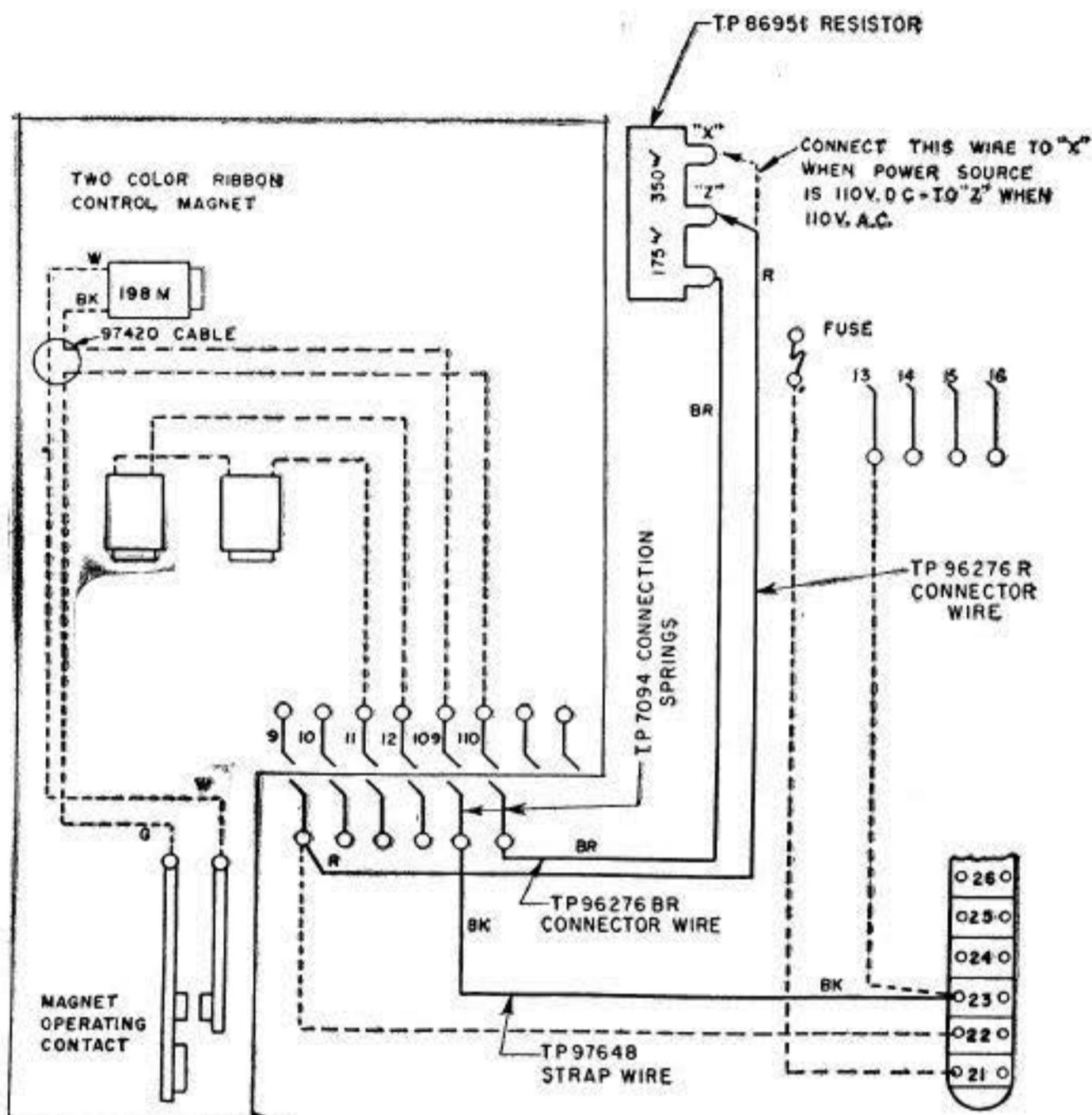
3.03 Solder one end of the TP96276R connector wire to the terminal 9 of the base unit and solder the other end of this wire as follows: **Fig. 1**

(a) If the power source is 110-volt dc connect 525-ohm resistance (TP86951 resistor) in series with the TP198M magnet.

(b) If the power source is 110-volt ac connect 175-ohm resistance (TP86951 resistor) in series with the TP198M magnet.

3.04 Connect the terminal end of the TP97648 strap wire to terminal 23 of the terminal block. Locate at the right-hand side of the base. Remove the base plate by means of its mounting screw and lock washer. Route the strap along the path of the large cable on the under side of the base and solder the free end of this strap to the TP7094 connection spring installed in Position 109. Tape the strap to the large cable.

3.05 Replace the TP74551 insulator over the connection spring of the base unit and replace the base plug.



PARTS WITHIN THIS AREA
ARE ON TYPING UNIT

TYPING UNIT DOTTED LINES INDICATE
WIRING IN 15AK UNIT AND IN BASE

HEAVY LINES INDICATE ADDED WIRING ON
BASE AS DESCRIBED IN SPECIFICATION

Fig. 1