

P-1-102-45
BELL SYSTEM PRACTICES
Teletypewriter and Manual
Telegraph Station and P.B.X.
Installation and Maintenance

SECTION P35.461
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AT&T Co. Standard

INSTALLATION OF CATALOG 72065(M) RESISTOR ASSEMBLIES IN NO. 14A, 14B OR 14C TELETYPEWRITER BASES

1. GENERAL

1.01 This section covers the installation of Catalog 72065(M) resistor assemblies in the No. 14A, 14B or 14C teletypewriter bases for the conversion of 110-volt a-c. teletypewriters equipped with series motors to provide for emergency operation on 130 volts direct current. These resistances are required in order to dissipate the additional heat generated under these emergency conditions.

1.02 Teletypewriter bases equipped with these resistances may also be used where the emergency power supply is 96 volts direct current since the effective resistance values of the governor circuit are not changed by the conversion. These resistances are not required, however, for this lower voltage since the heat generated does not overload the present units.

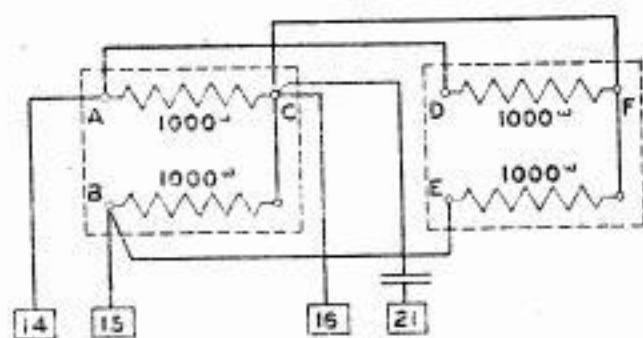
2. PROCEDURES

2.01 To install these resistor assemblies the following work should be done in the order given:

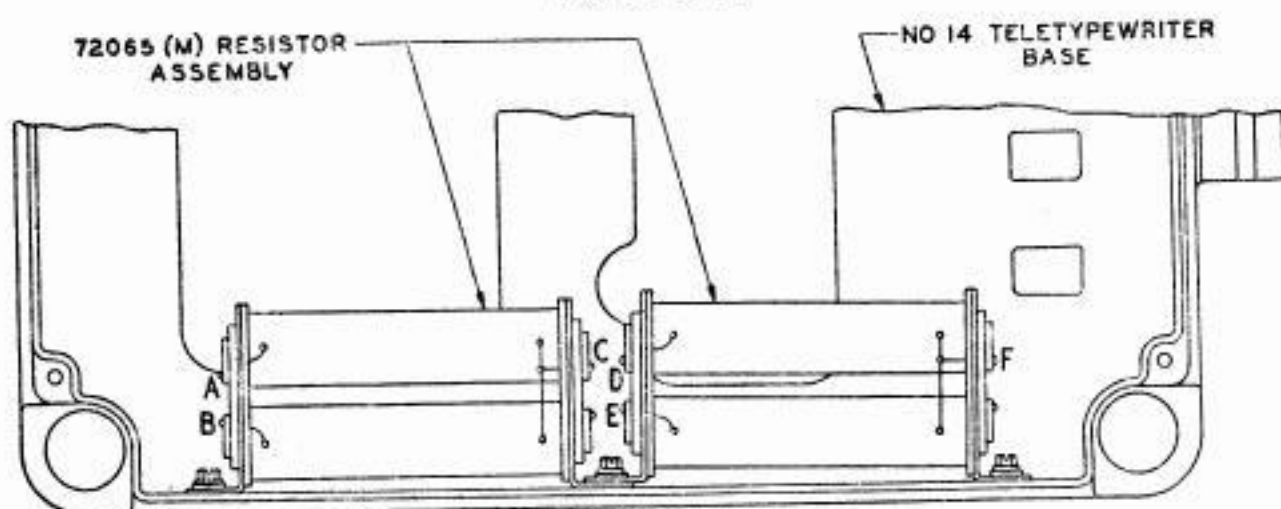
- (a) Remove the steel plate which covers the under side of the base.
- (b) Remove the wires from the terminals of the resistance unit supplied with the base, noting how the connections are run for use later.
- (c) Remove the resistor assembly.
- (d) Mount two of the Catalog 72065(M) resistor assemblies end to end in the back of the base as shown in Fig. 1, using the mounting screws of the old resistor assembly

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and the mounting screw at present provided for a ground connection to the base casting.



WIRING PLAN



MOUNTING PLAN
FIGURE 1

(e) Connect the base cable to the left hand resistor unit in the same manner as the cable was connected to the original unit. Then referring to the terminals as shown in Fig. 1, connect terminal A to terminal D, terminal B to terminal E, and terminal C to terminal F using #18 Art silk covered Deltabeston fixture wire.

(f) Replace the steel plate on the under side of the base.