

**BELL SYSTEM PRACTICES**  
**Station Installation and Maintenance**

**SECTION C24.181**  
**Issue 1, 9-1-31**  
**Standard**

## **TERMINATING WIRE AND CORDS AT SUBSCRIBER SETS**

### **1. GENERAL**

- 1.01 This section covers the methods for terminating wire and cords at subscriber sets.
- 1.02 The color scheme or tracer identification of wire conductors is not embodied in the figures shown herein, inasmuch as it is necessary to terminate wire at subscriber sets in a slightly different manner for the various classes of service. Therefore, consult the sections under the caption "Line and Ringer Connections" for the proper connections.
- 1.03 Moreover, the figures show the methods for terminating triple wire. Where pair wire is employed, it should, of course, be terminated in the same general manner as triple wire.

### **2. SUBSCRIBER SETS**

#### **Fastening Wire**

- 2.01 If wire is concealed at subscriber set, such as where set is mounted in a bell-box cabinet or where wire is run directly to set through a partition, etc., no fastener in or at set is required unless a strain is likely to be placed on conductors at set terminals. In this latter case, place a cleat on surface inside of set or on the backboard behind set.
- 2.02 If wire is not concealed at subscriber set, place a fastener within approximately two inches of set.

#### **Terminating**

- 2.03 Pull wire tight and cut off each conductor at a point three inches beyond further end of its associated terminal. This will allow two inches of slack in set and one inch for connecting conductors to associated terminals. Then skin end of each conductor and place its bared end  $\frac{3}{4}$  way around screw, in a clockwise direction, with insulation  $\frac{1}{8}$  inch from edge of screwhead.
- 2.04 In terminating the wire and cord, dress slack of wire and free conductors of cord as shown in the following typical illustrations, so as to prevent possible interference with ringer, etc.

Sets with  
Bakelite Covers

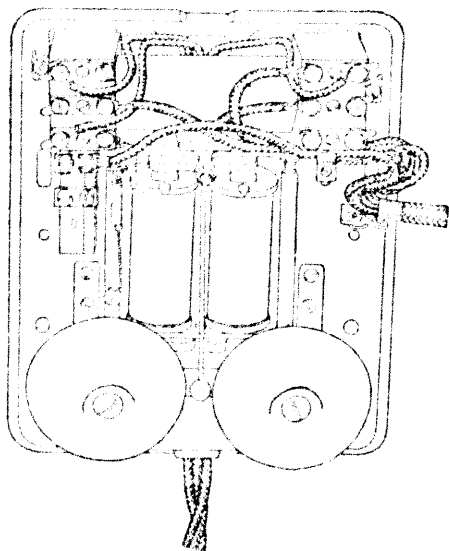


Fig. 1.

Sets with  
Metal Covers

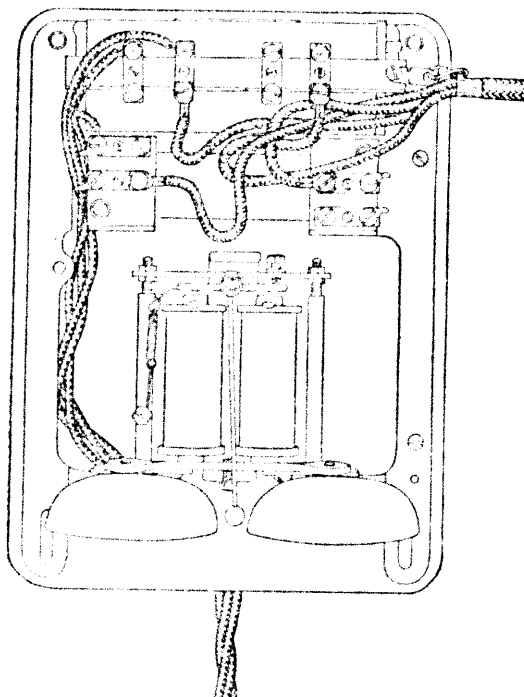


Fig. 2.

Sets with Wood Covers  
(Magneto Wall Set Shown)

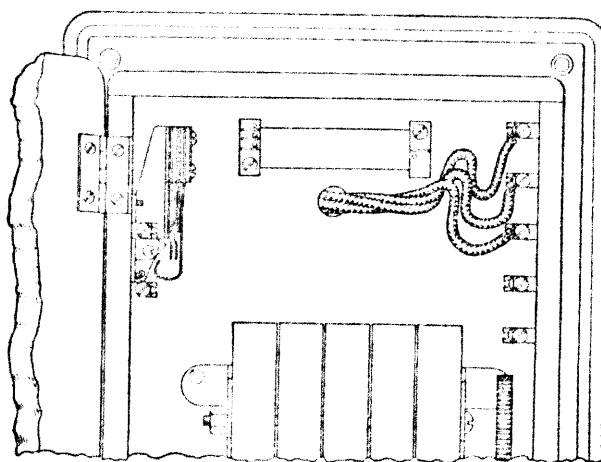


Fig. 3.

Note: Ringer and Condenser leads are not shown  
in Figs. 1, 2 and 3.