

## TELEPHONE SETS

### 700 SERIES

### INSTALLATION

#### 1.00 INTRODUCTION

This section covers the 701B telephone set.

- Connection tables are provided in the connections section.
- A typical installation is shown in Fig. 1.

#### 2.00 GENERAL

**2.01** A 105- to 120-volt ac receptacle is required for dial light transformer. Use either of the following transformers:

- No. 2012A-42.
- KS-16184, List 3.

**2.02** For proper dial illumination, the wire between transformer and telephone should not generally exceed 150 feet of standard inside wire.

- Due to added resistance, 25-foot mounting cords should not be used.

**2.03** An E1A ringer should be installed with each 701B telephone set. This ringer also serves as a connecting block for the 6-conductor mounting cord.

- C Section entitled E1A Ringer covers installation.

**2.04** At the request of the customer the E1A ringer may be omitted, except in the following cases:

- Only ringer on line.
- Service requiring tip-party identification (message rate, zone registration, automatic ticketing).

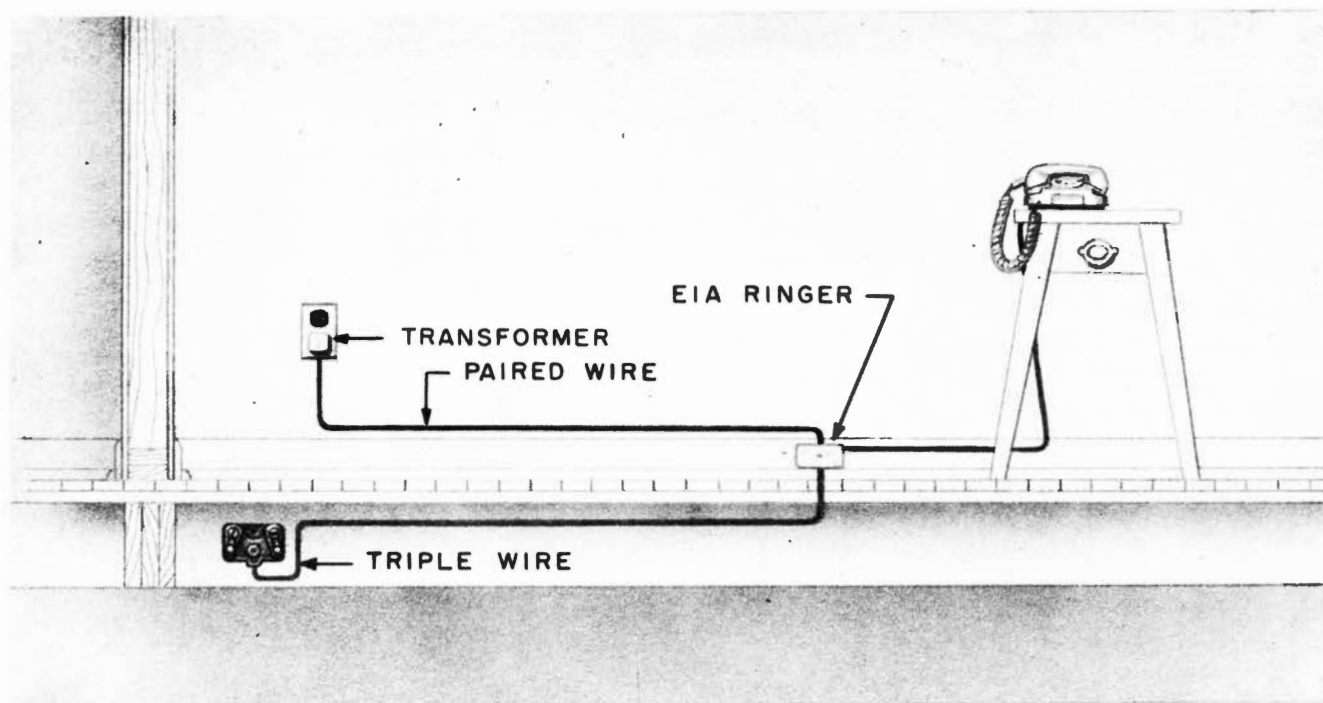


Fig. 1—Typical Installation of 701B Telephone Set

**2.05** When a cold cathode tube ringer is required, install a tube-type subscriber set (686A-3) near the station protector. Disconnect ringer in subscriber set. Place station wiring from subscriber set to E1A ringer, connecting tube with winding of E1A ringer.

### **3.00 PLANNING THE INSTALLATION**

In so far as possible, be guided by customer's wish in placing apparatus. However, consider the following:

- Safety for yourself, customer, and telephone repairman.
- Availability of power receptacle for transformer.
- General appearance of installation.

### **4.00 PORTABLE INSTALLATION**

**4.01** With tip-party identification service (message rate, zone registration, automatic ticketing), the 701B telephone set cannot be made portable with 283B plug and 404B jack.

**4.02** With other classes of service, arrange for portable installation as follows:

1. Replace 6-conductor mounting cord with 4-conductor cord terminated in 283B plug.

2. Extend tip, ring, and transformer leads from E1A ringer to 404B station jack.

**4.03** Where only one dial-light telephone set is installed, one transformer may be multiplied to two or more jacks.

**4.04** Where two or more dial-light telephone sets are installed, one transformer must be connected to each jack.

### **5.00 SIX-POINT CHECK**

As an aid in satisfying the customer and providing trouble free service, the following six points should be verified before leaving the job:

- Adequate telephone service on premises.
- Proper operation of all station equipment.
- Customer's understanding of correct use of equipment.
- Customer's understanding of ringer adjustment and light switch.
- Correct telephone number on dial number card.
- Over-all appearance of installation.