WIRING DESKS AND TABLES

1. GENERAL

1.01 This section covers the placing of station wire, inside wiring cable, mounting cords, and connector cable on desks and tables.

1.02 This section is reissued to:

- Add information on KS-20458 List 12, 13, and 14 covers and List 15 splash guard, 2857T service fitting, and B cord clips.

1.03 Always use the wiring and apparatus mounting brackets provided by the manufacturer if practical. In cases where it is impractical, inform the customer and obtain permission before drilling holes to mount apparatus on the sides of desks and tables.

1.04 ▶When placing apparatus such as covers, cord clips, etc, on the customer's furniture, match the color of the customer's furniture and decor as closely as possible, especially when it is impractical to conceal the wiring arrangement.◀

2. WIRING TO DESKS AND TABLES

Station Tubing

2.01 When a desk or table is located near a wall, station wire or inside wiring cable may be extended by using C-type station tubing (Fig. 1) or a standard mounting cord (Fig. 2).

2.02 Station tubing should be used where the following are anticipated or seem probable:

- Frequent mopping or cleaning

- Movement of desk or table

- Mechanical damage to wiring.

Note: Exercise care when placing station wire or inside wiring cable, mounting cords, and station tubing on the customer's premises so as not to create a safety hazard. Advise customer to contact the Telephone Company
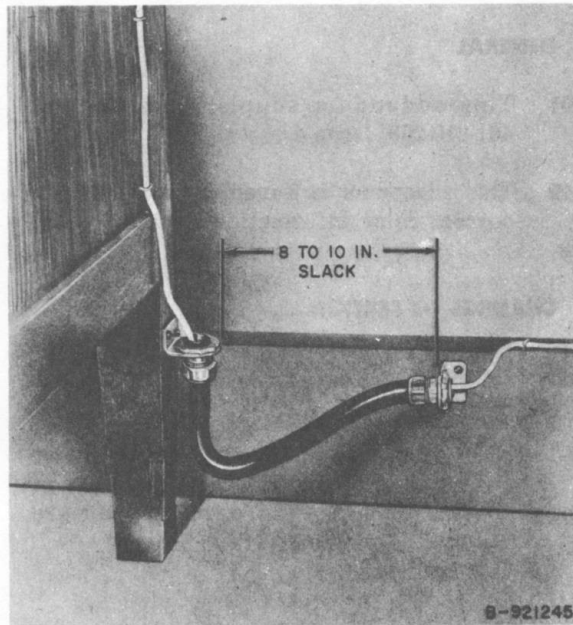

Fig. 1—Wiring to Desk-Station Tubing

when moves could possibly create a safety hazard.

2.03 Methods of assembly and uses of station tubing and wiremold assembly are shown in Fig. 3, 4, 5, and 6.

2.04 Methods of wiring to desks and tables when no station tubing is used as shown in Fig. 7.

3. WIRING THE INSIDE OF DESKS AND TABLES

3.01 Many desk manufacturers provide facilities which will permit placing wiring so that it may be concealed as shown in Fig. 8 and 9.

3.02 Wiring of a desk having no facilities for concealed wire and cable is shown in Fig. 10.

3.03 Proper selection of wire and spacing of fasteners are necessary for good appearance. The spacing of fasteners on desks and tables should
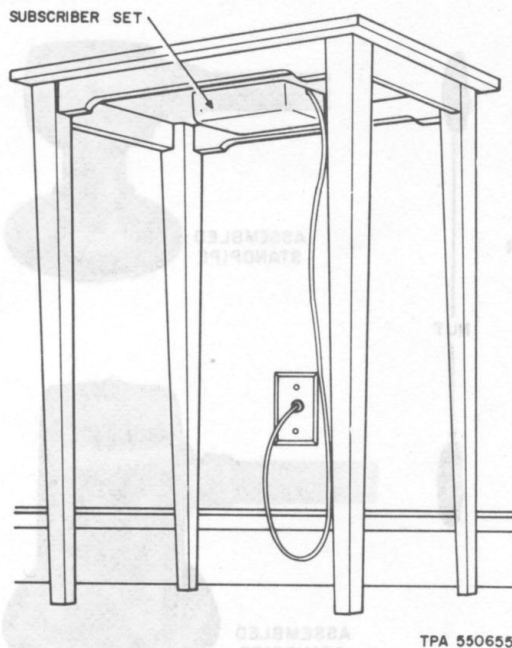
SUBSCRIBER SET

TPA 550655

Fig. 2—Wiring to Table-Mounting Cord

be 7 to 12 inches on vertical and horizontal runs, and 1-1/2 inches from corners when making turns.

4. PLACING COVERS, SERVICE FITTING, AND B CORD CLIP ON OR AT DESKS AND TABLES

KS-20458 Type Covers

4.01 ▶The KS-type covers are used primarily to provide protection and support for the cable

connectors of multi-button telephone sets and the key telephone system cable runs. They are intended to be mounted with screws, magnets, adhesive backings or brackets.

4.02 The Lists 1, 2, and 3 covers will accommodate cable equipped with two or three mated connectors. The Lists 6, 7, and 8 will accommodate cable equipped with four or five mated connectors. The Lists 12, 13, and 14 covers are for single mated connectors.

4.03 A plastic splash guard, List 15, is available for the single connector covers to provide protection for the connectors from water and cleaning materials.

4.04 A typical installation of the single connector cover is shown in Fig. 11.

4.05 Refer to Section 461-200-103 for detailed description, ordering, and installation information for these covers.◀

2857T Service Fitting

4.06 This is an aluminum fitting and will accept cable at each end from 50- to 100-pair. A typical installation showing the 2857T service fitting is shown in Fig. 12.

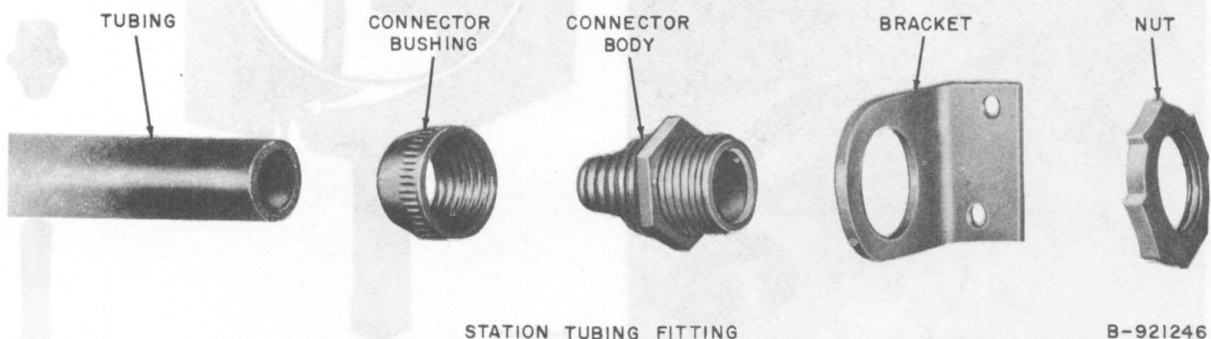**4.07** Detailed ordering and installation information for this service fitting is covered in Section 461-200-103.

TUBING   CONNECTOR BUSHING   CONNECTOR BODY   BRACKET   NUT

STATION TUBING FITTING

B-921246

Fig. 3—Assembly of Station Tubing and Fittings to Brackets
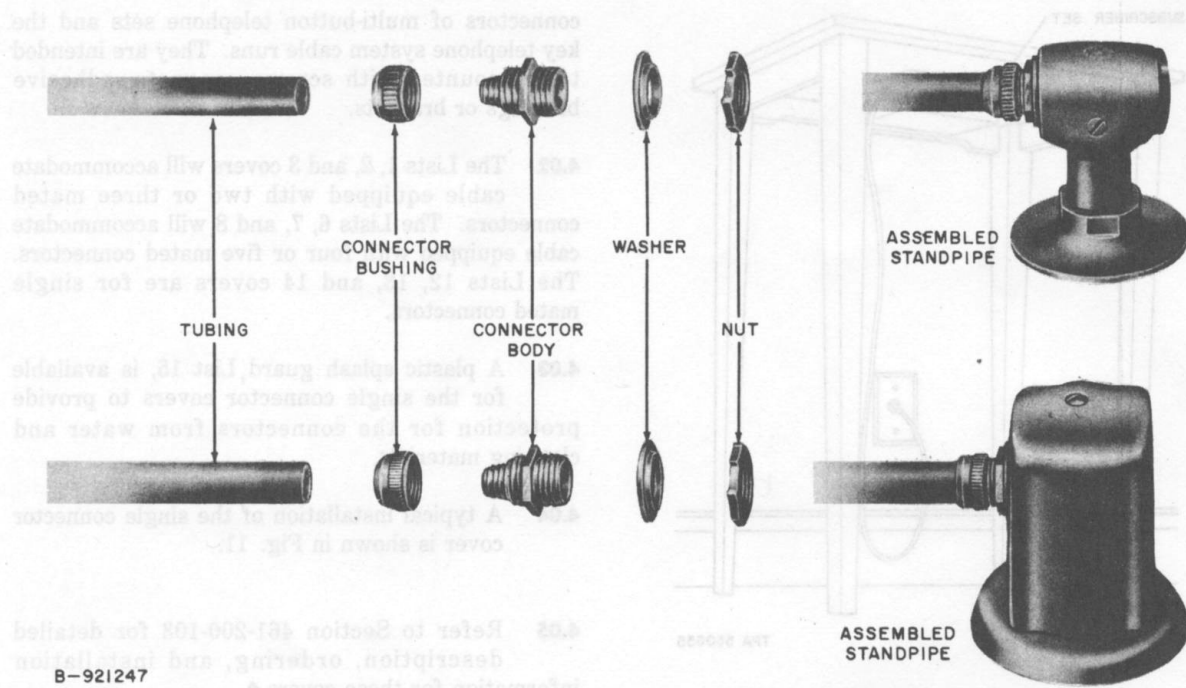
B-921247

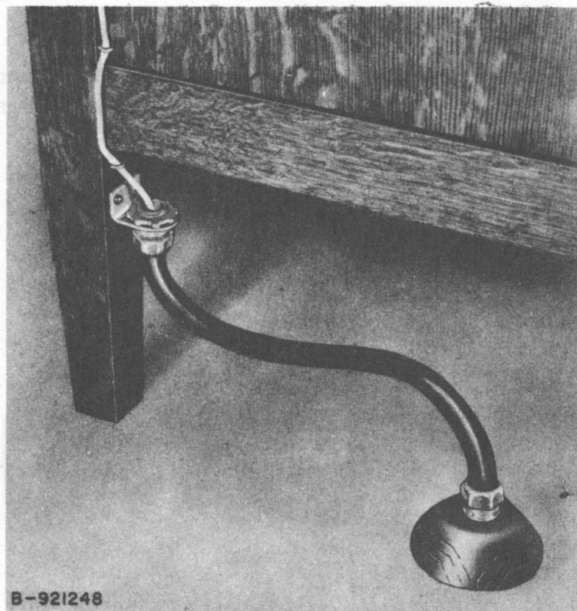**Fig. 4—Assembly of Station Tubing Fittings to Standpipes That Are Part of a Permanent Underfloor Duct or Conduit System**

B-921248

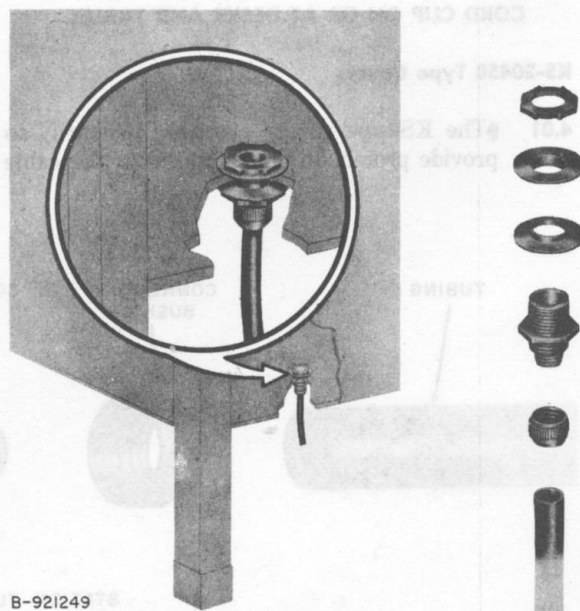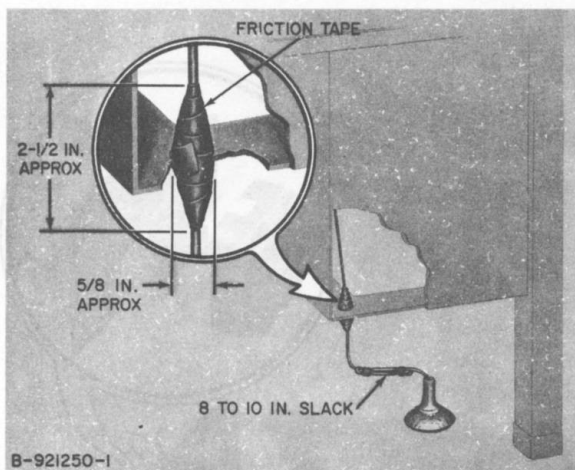**Fig. 5—Use of Station Tubing and 750-Type Service Fitting—No Underfloor Duct or Conduit System**

B-921249

Fig. 6—Assembly of Station Tubing to Dust Pan of Metal Desk

B-921250-1

B-921250-2

Fig. 7—Wiring to Desks and Tables—No Station Tubing Used

B Cord Clip

4.08 These are molded plastic clips with adhesive backings used to fasten mounting cords of telephone sets to walls and desks. They are available in three sizes as shown in Fig. 13 and 14. They are available in the following colors:

   —3 black —60 beige

   —51 green —61 gray

   —58 white

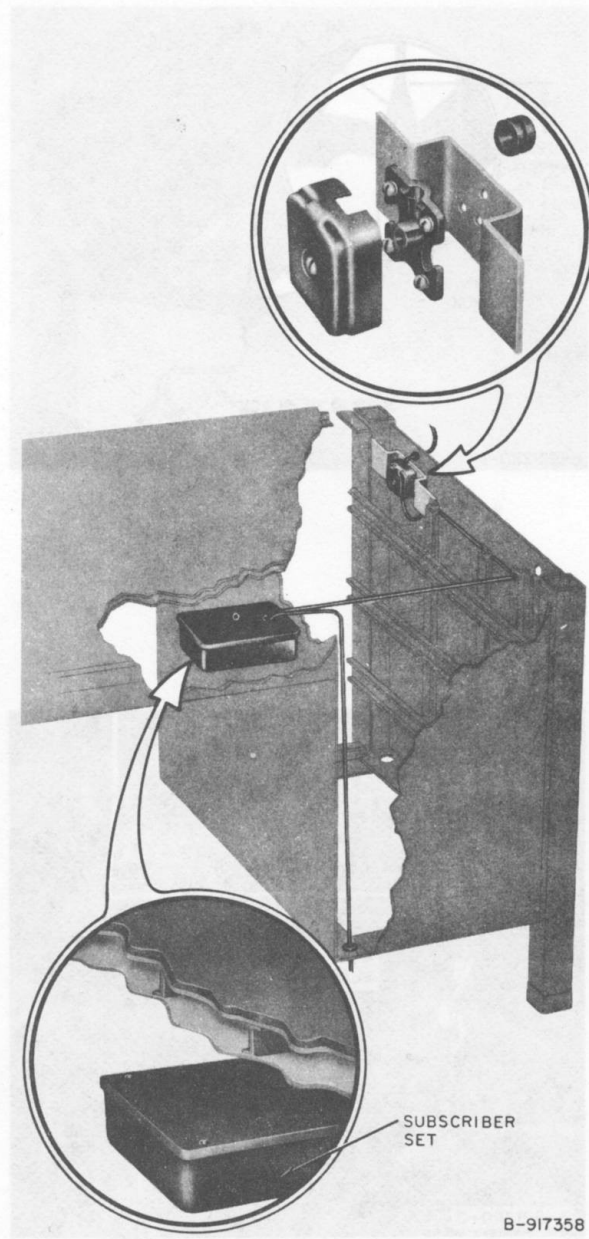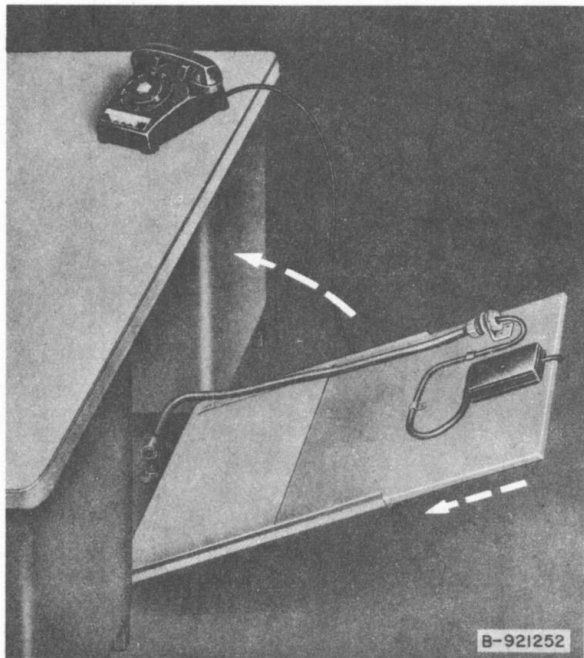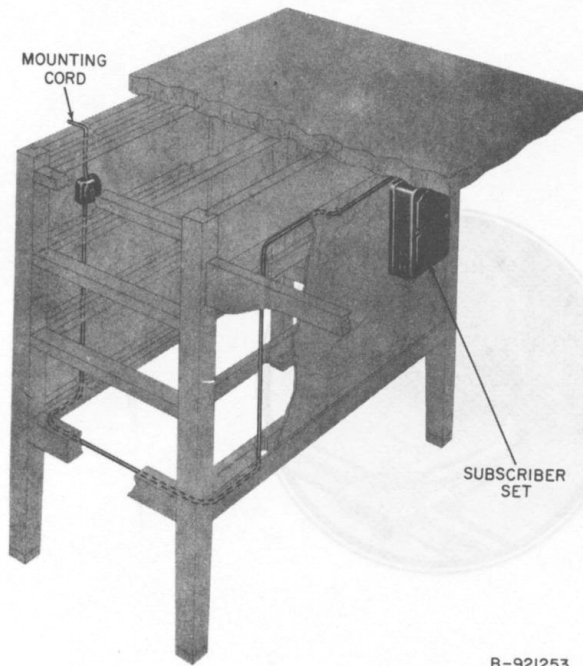They are packed 10 each of the same size and color to a package.

SUBSCRIBER SET

B-917358

B-921252

Fig. 8—Typical Metal Desk With Wiring Facilities

B-921253

Fig. 9—Typical Wooden Desk With Wiring Facilities
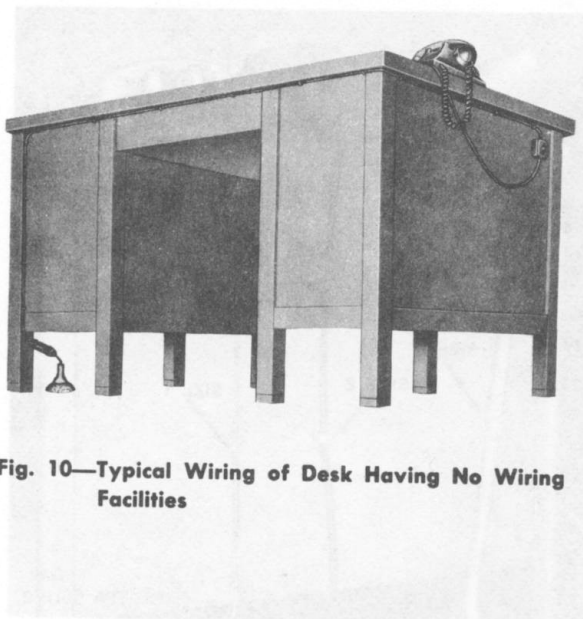

KEY
TELEPHONE
SET
MOUNTING
CORD

A25-TYPE
CONNECTOR
CABLE

Fig. 11—KS-20458, List 12, List 13, List 14 Covers,
Typical Installation

Fig. 10—Typical Wiring of Desk Having No Wiring
Facilities
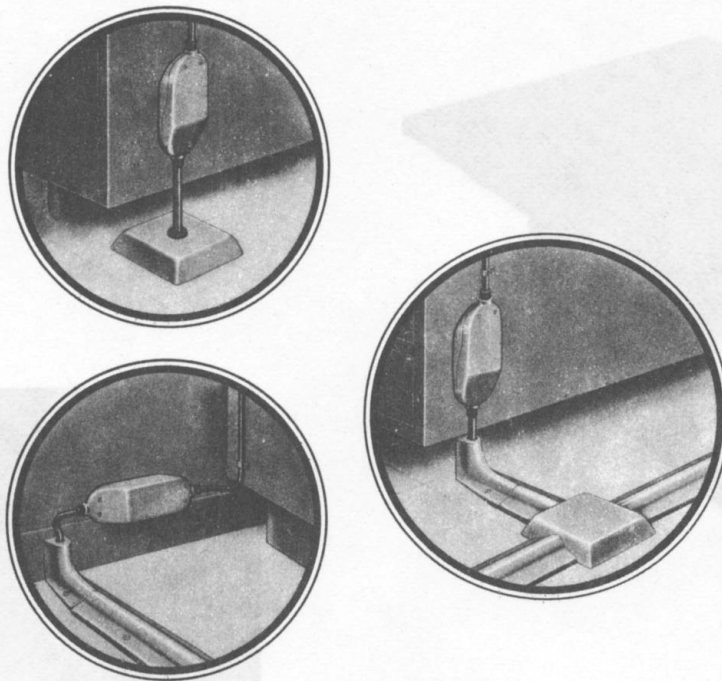
Fig. 12—Typical Installation of 2857T Service Fitting

SIZE 1
3/16 INCH

SIZE 2
3/8 INCH
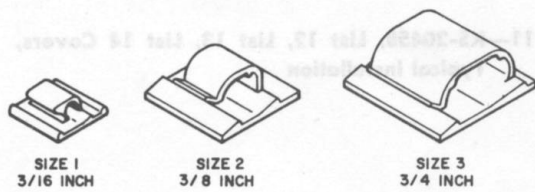
SIZE 3
3/4 INCH

APPLICATION:

0-1-BUTTON TELEPHONE SETS—SIZE 1
4-6-BUTTON TELEPHONE SETS—SIZE 2
MULTI-BUTTON TELEPHONE SETS—SIZE 3

TPA 550653
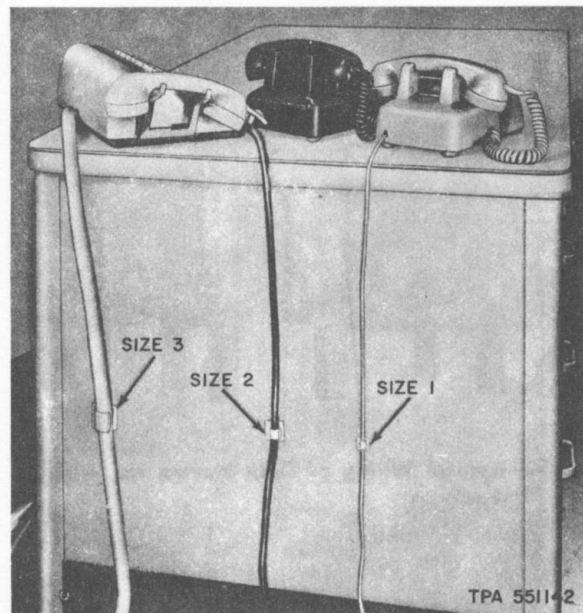
Fig. 13—B Cord Clips

SIZE 3

SIZE 2

SIZE 1

TPA 551142

Fig. 14—B Cord Clips Installed on Telephone Set
Mounting Cords