WIRE TERMINALS
INSTALLATION OF 105A

Contents **Page**

1. GENERAL

1.01 This section covers the description of the 105A Wire Terminal and its installation on all types of multiple line wire.

1.02 The 105A Wire Terminal can be reused if it is in satisfactory condition.

1.03 Local instructions should cover whether the 105A Wire Terminal is to be removed when subscriber service is disconnected, or whether it should be left intact. Where the terminal is removed, the insulation on the support wire should be repaired by two half-lapped layers of DR Tape and two half-lapped layers of D Vinyl Tape. The insulation of the conductors should be repaired by cutting the wire and joining them with the proper size splice sleeve as instructed in Section 624-220-200.

1.04 On all conductors except those of 24-gauge with a single PVC jacket, remove the insulation before placing on the binding posts. This is done by crushing the insulation with long nose pliers and cutting it away. With 24-gauge having a single PVC jacket, such as C Urban Wire, place the wire under the lower washer and tighten the nut with a 216B Tool. Be careful not to tighten so hard as to break the wire, but be sure that the insulation has crushed enough for a good contact to be made. At temperatures below + 10°F, it will be necessary to precrush the insulation with long nose pliers.

2. DESCRIPTION OF 105A WIRE TERMINAL

2.01 The 105A Wire Terminal consists of a circular molded phenolic block and a neoprene snap-on cover. One side of the block has two binding posts and the other side has a corrosion resistant clamp for mounting on the support wire.

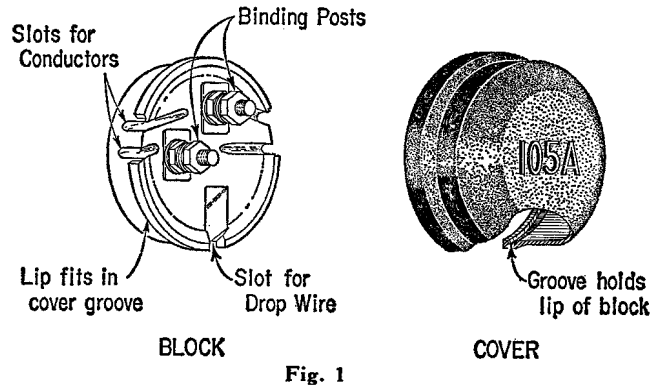


Fig. 1

2.02 The cover can be removed from the terminal as shown below.

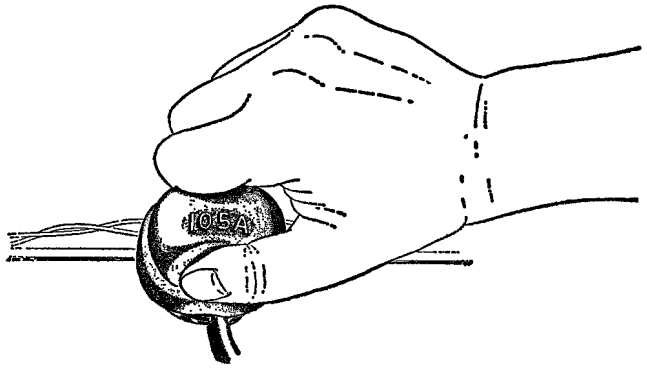


Fig. 2

3. LOCATING ON INTERMEDIATE POLES

3.01 The first 105A Wire Terminal at a pole can be installed in the following manner.

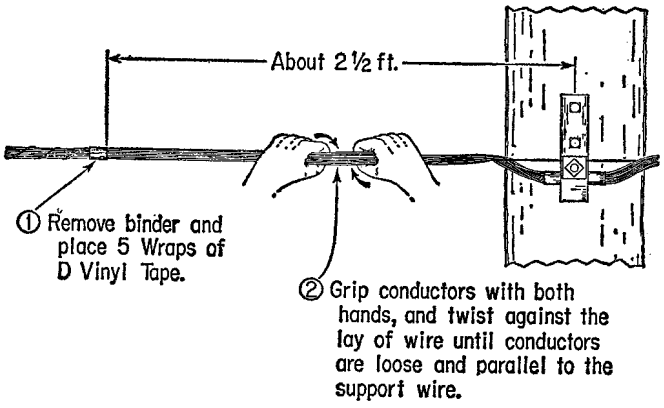


Fig. 3

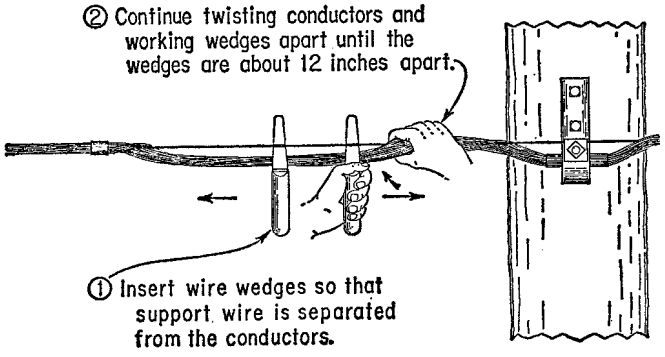


Fig. 4

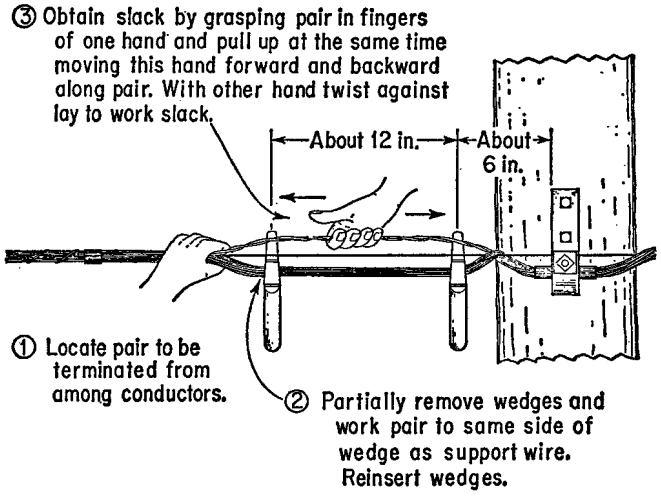


Fig. 5

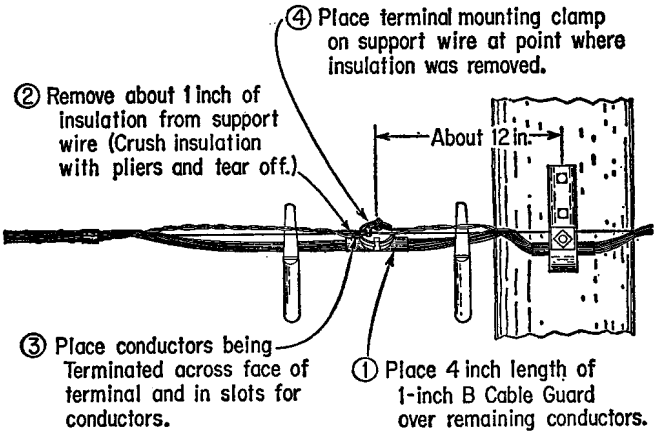


Fig. 6

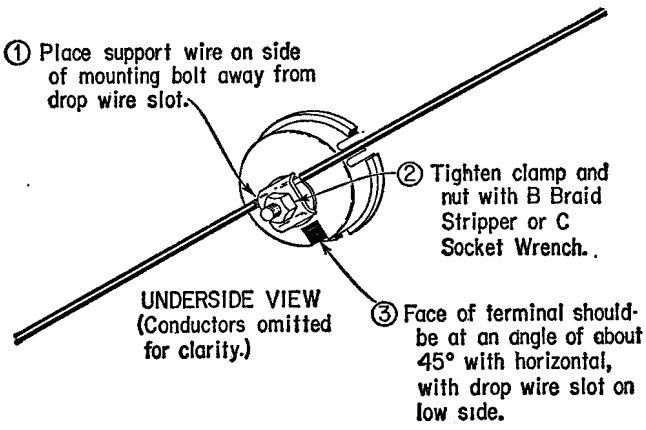
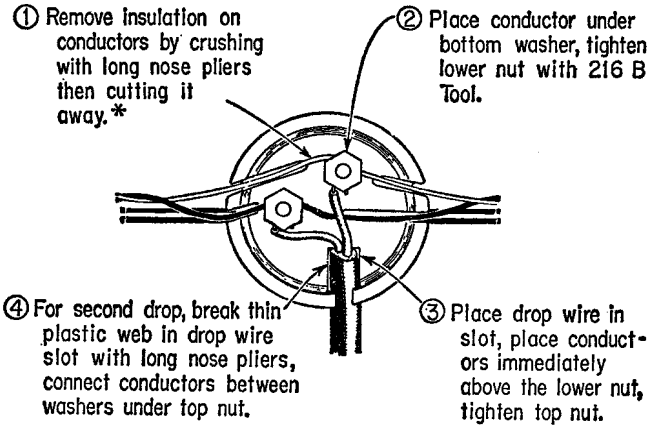
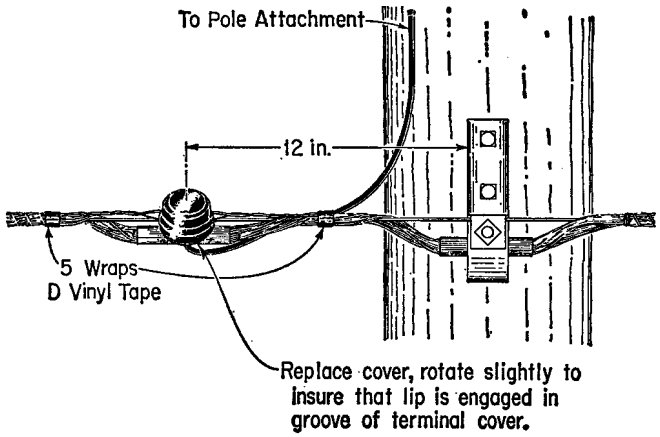


Fig. 7



* Not required with 24 gauge, single PVC jacketed conductors such as C Urban Wire. (See Par 1.04)

Fig. 8



3.02 A maximum of three wire terminals can be mounted on each side of the wire bracket. The method of installation for each is similar to that in Paragraph 3.01. A complete installation is shown in Fig. 10, although individual terminals are added only as needed. The order of installation would depend on the direction of feed for the drop wires.

Fig. 9

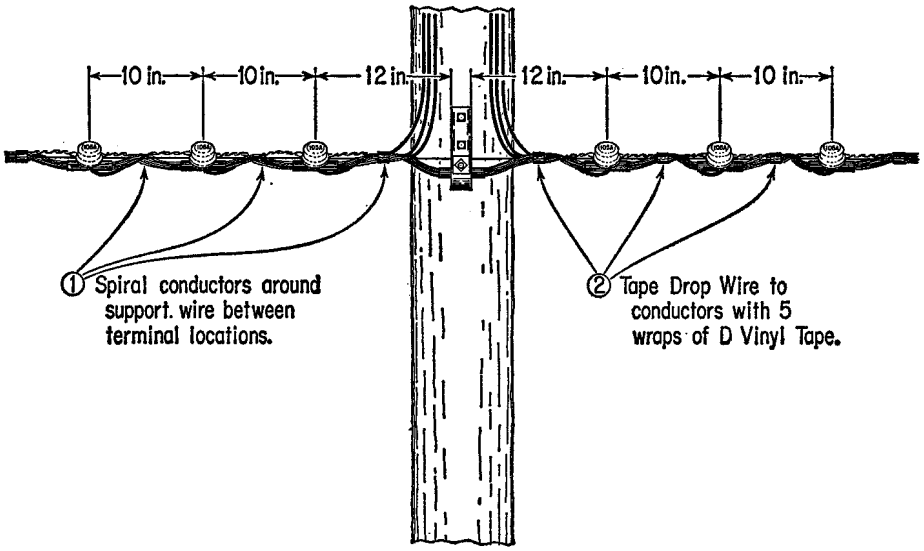


Fig. 10

4. LOCATING ON DEAD-END POLES

4.01 Multiple line wires, which are terminated as shown in Section 624-220-204, can have up to two wire terminals as shown below.

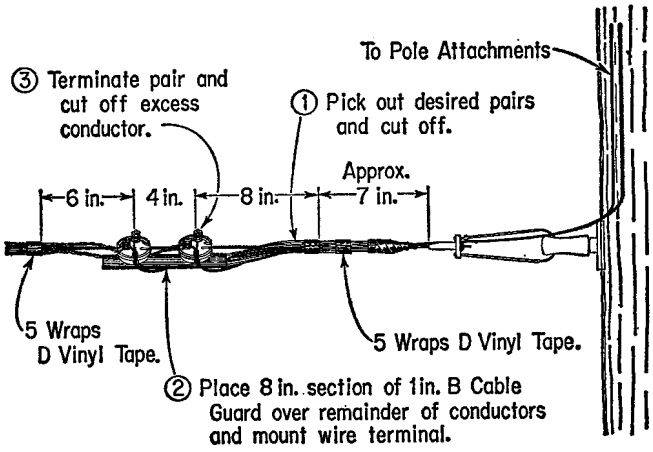


Fig. 11