

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G32.120.1
Issue 2, 9-15-49
AT&T Co Standard

DROP AND BLOCK WIRING

PLACING BINDING POST CAPS AND

BINDING POST INSULATORS

IN TERMINALS

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I. GENERAL

1.01 This section is reissued to include the use of the recently standardized C Binding Post Caps as protection on working binding posts in distribution cable terminals.

1.02 This section covers the placing of both the B and C Binding Post Caps and the Binding Post Insulators in cable and wire terminals as protection against accidental contacts on special service lines and as a means for minimizing face plate leakage in distribution cable terminals. It replaces Part 7 of Section G32.120, Issue 2.

Note: Special service lines cover such circuits as program supply, radio and television network services, picture transmission, teletypewriter, fire, police, power remote control, burglar alarm, etc.

1.03 The B Binding Post Cap is a molded rubber cap which completely covers non-working binding posts in No. 8, No. 14, C, F and NA type distribution terminals.

1.04 The C Binding Post Cap is similar to the B cap in design except that it has a hole and slit on the side to permit its installation over drop or bridle wire terminated on binding posts in No. 8, No. 14, F and NA type terminals. It is not suitable for wired binding posts of C type terminals and

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hence the No. 1 Binding Post Insulators shall continue to be used in such terminals.

1.05 Both B and C Binding Post Caps are supplied in red and black colors as a means of identifying the types of circuits on which they are being used. The red cap is intended for use on special service lines as protection against accidental contacts and the black for minimizing face plate leakage and other purposes.

1.06 The Binding Post Insulator is a phenol fibre sleeve, open at both ends and slotted lengthwise to admit wire terminated on the binding post. These insulators are intended as protection against accidental contacts for special service lines which are terminated in terminals not suited to the use of binding post caps.

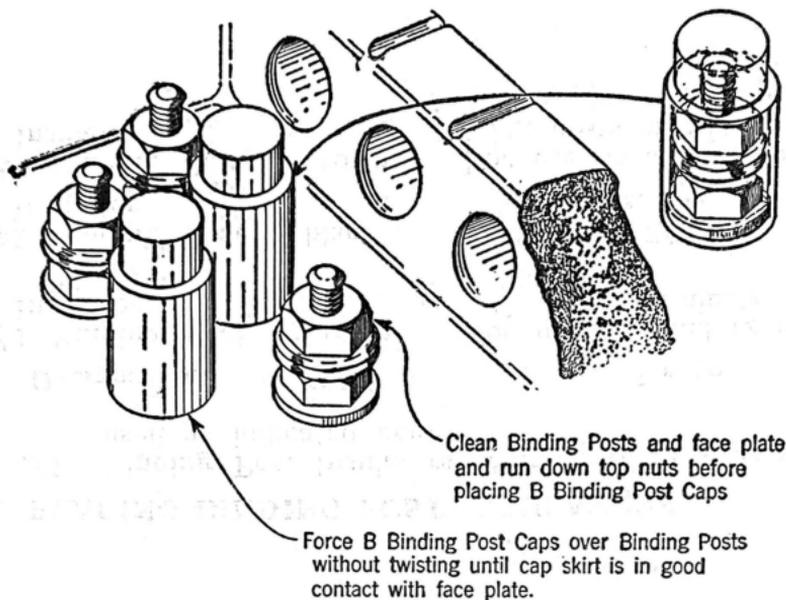
1.07 Particular care shall be exercised not to dislodge the red binding post caps or binding post insulators associated with special service lines while working in terminals nor should they be removed unless approved by the local test board or other authorized persons.

2. PLACING B BINDING POST CAPS

2.01 In the normal usage of the rubber B Binding Post Caps, clean the binding posts and face plate thoroughly before placing caps. Where cleaning of the face plate requires washing under local Company practices, install the caps after all moisture is removed from around the binding posts.

2.02 When installing the B Binding Post Caps, first run down the nut of the binding post finger tight. Force the cap over the binding post, **without twisting**, until the skirt of the cap is in good contact with the face plate. If the cap is twisted while being forced over the binding post, the skirt of the cap may fold under instead of seating squarely on the face plate as desired. The following illustration shows a properly placed binding post cap.

PLACING B BINDING POST CAPS



3. PLACING C BINDING POST CAPS

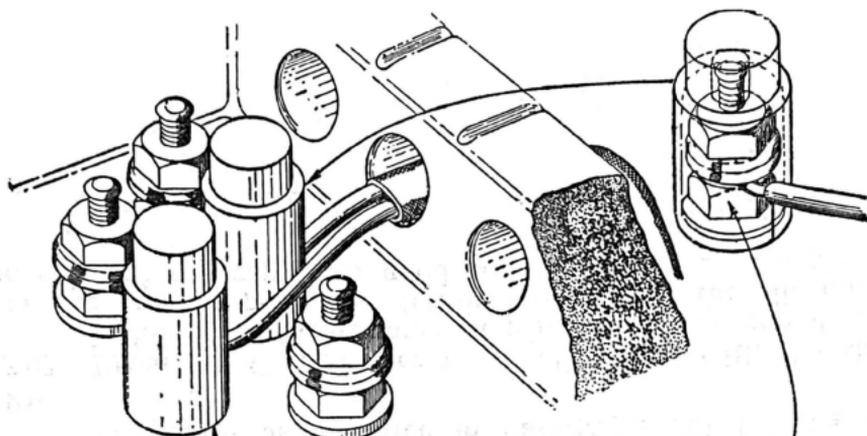
3.01 Prepare the binding posts for the placing of C Binding Post Caps as indicated in Paragraph 2.01 for the B caps.

3.02 Place the C caps over the binding post with the slit in line with the terminated wire. Force the cap down over the binding post with terminated wire in the slit until the skirt of the cap is in good contact with the face plate.

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Adjust terminated wire so that it is positioned inside the hole of the cap as indicated below.

PLACING C BINDING POST CAPS



Clean Binding Posts and face plate before placing C Binding Post Caps.

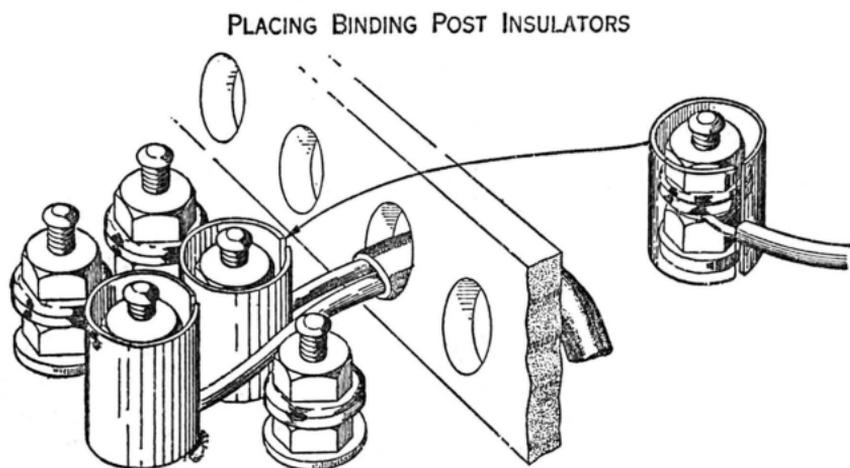
Force C Binding Post Caps over Binding Posts without twisting until cap skirt is in good contact with face plate.

4. PLACING BINDING POST INSULATORS

4.01 Binding Post Insulators come in three sizes and are used as indicated below:

Designation	Color	Usage
#1 Binding Post Insulator	brown	For use on binding posts of C cable terminals and on 7-T Fuses.
#2 Binding Post Insulator	black	For use on 7/16-inch nuts of 7-A Fuses.
#3 Binding Post Insulator	brown	For use on screw type binding posts of BD Terminals.

4.02 Install binding post insulators snugly over binding posts as indicated below. Where the insulator fits loosely, place a piece of tape around the binding post inside the insulator to obtain a snug fit.



Number 1 Binding Post Insulators on posts of C-Type Terminal illustrated
Place Number 1 and 2 Insulators on fuse terminals
and Number 3 on posts of BD Terminals
in same general manner