

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G61.406.1
Issue 1, March, 1955
AT&T Co Standard

TERMINALS

MAINTENANCE OF NO. 14 AND F TYPE

CABLE TERMINALS

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1. GENERAL

1.01 This section covers procedures for maintaining No. 14 and F Type Distribution Cable Terminals in serviceable condition. It replaces G64.406, Issue 1.

2. CONDITIONING TERMINAL BOXES AND FACE PLATES

2.01 Terminals in which sealed chambers or face plates are cracked should be entirely replaced. As a temporary measure, seal cracks in face plates with Wire and Cable Impregnating Wax No. 105. This wax should be heated until plastic when used in cold weather.

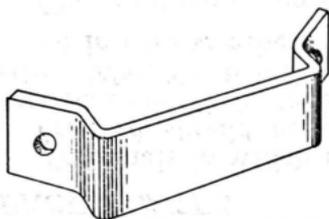
2.02 Check all mounting screws supporting terminals to pole or wall. Replace missing ones and tighten any that are loose.

2.03 Covers on 14 type terminals that are broken, do not close properly or are otherwise defective should be replaced with slip covers as covered in Section G61.407.1.

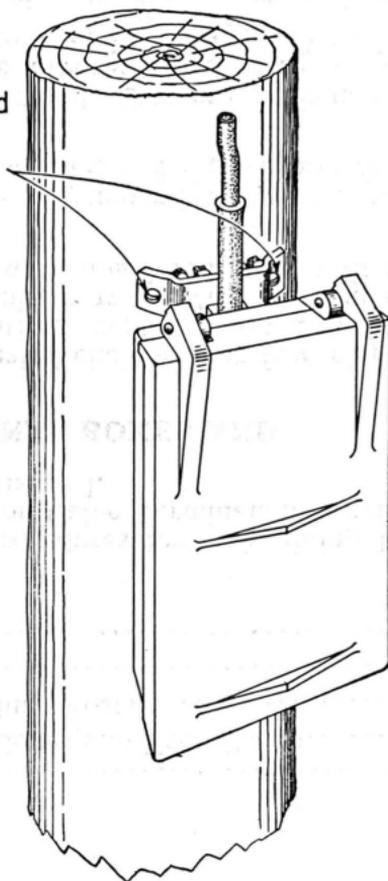
2.04 Terminals requiring painting may be painted on the outside only with outside aluminum paint as outlined in Section G52.161.1.

2.05 Secure No. 14 terminals having broken mounting lugs by means of Terminal Clamps as indicated below.

2 in. #14 R.H. Galv. Wood
Screws or 1/4 in. x 2 in.
Coach Screws.



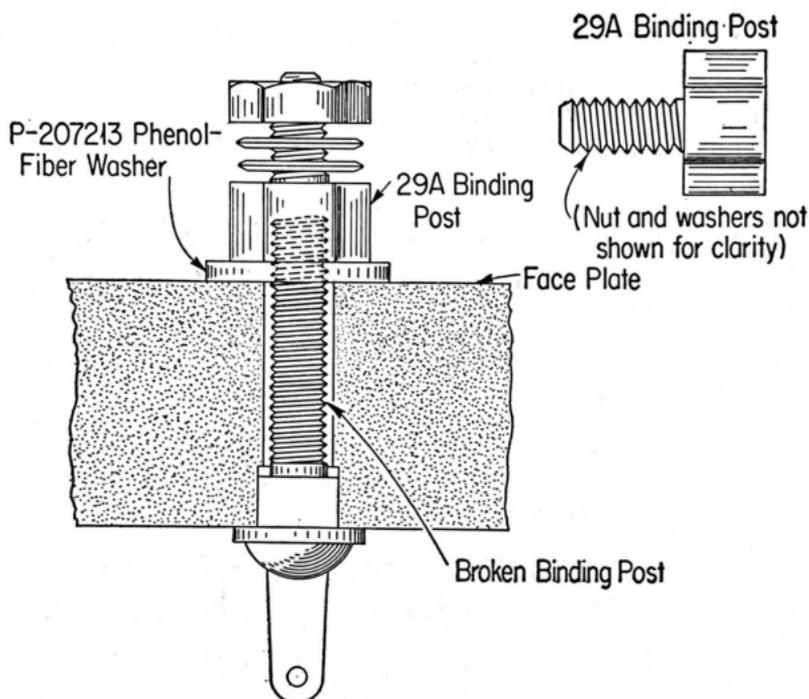
Terminal Clamp



Clamp is intended for use at
bottom of terminal also.

3. REPAIRING BROKEN BINDING POSTS

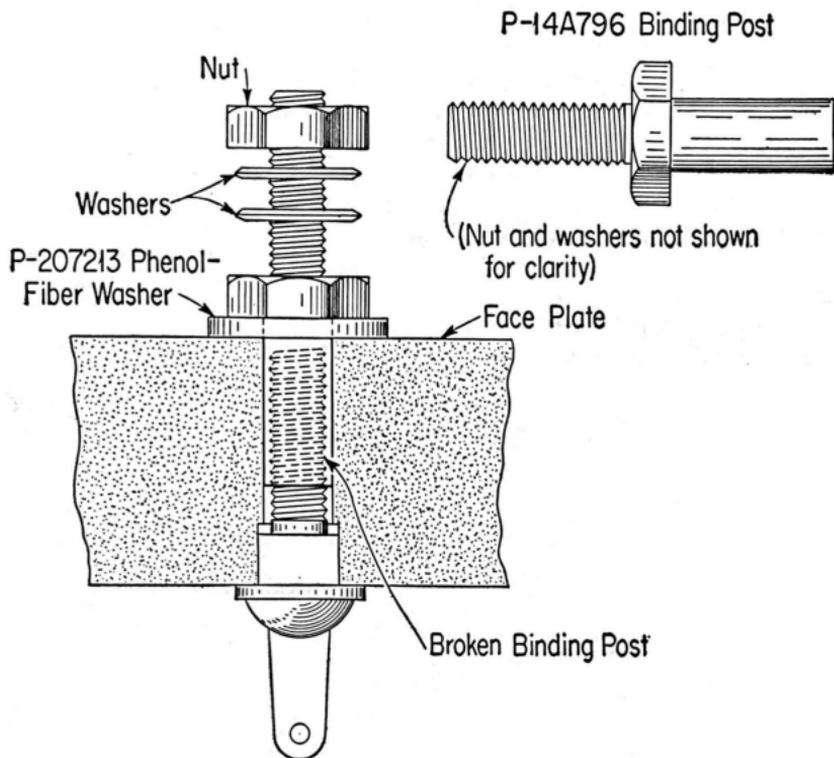
3.01 When a binding post is broken above the face plate and there remains a short piece after the lower nut is removed, repair with a No. 29A Binding Post as shown in the following illustration.



3.02 Where a broken binding post is too short for repair with a 29-A Binding Post or where the break is flush with or below the face plate, make the repair with a P-14A796 Binding Post as follows:

- (1) Try turning the repair post on the broken post a few turns to make sure it is engaging properly.
- (2) Unscrew the repair post and place a phenol-fibre washer (P207213) over the smooth end. Remove washers and nut supplied with each repair post. Place the repair post on the broken post and turn down with a 216B Tool until fully engaged.
- (3) Replace washers and nut on each repair post.

(4) The repair method is illustrated below.



3.03 Where a binding post is broken at the back of the face plate, temporary repair may be made with the mercury method described in Section G61.408.1.

4. WIRE ENTRANCE HOLES

4.01 In No. 14 terminals, seal vacant wire entrance holes with Duct Seal or equivalent. Where the terminal is equipped with a slip cover, open entrance holes need not be plugged.

5. CLEANING FACE PLATES

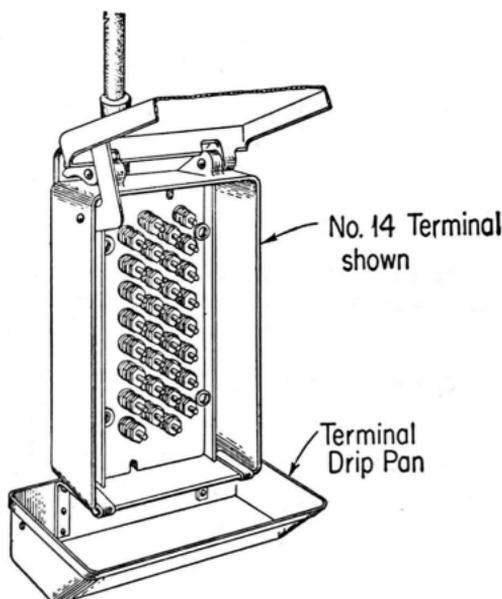
5.01 The nuts on all unused binding posts shall be screwed down finger tight before starting to clean face plates.

5.02 Remove loose dirt, cobwebs, etc. from the terminal with a dry Water Tool Brush. Do not use a wire brush for this operation.

5.03 Spray water over the face plate with a spray cleaner and scrub vigorously with the Water Tool Brush to loosen the dirt between binding posts. In sub freezing weather, denatured alcohol should be mixed with the water in proportions of one part alcohol to four parts water.

5.04 Next rinse the face plate with water. Any dirt remaining on the face plate or between binding posts should be scraped off with a wood skewer. If necessary, rewash the face plate.

5.05 A Terminal Drip Pan may be used below the No. 14 or F type terminal during cleaning operation when there is likelihood of water dripping on pedestrians or defacing property. Mount drip pan as shown below.



5.06 It is not necessary to dry the face plate either by wiping or leaving the cover open after the cleaning.

5.07 In connection with their daily assignments workmen should, on all visits to terminals, brush off dirty face plates with a dry Water Tool Brush.