

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G52.127.1
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AT&T Co Standard

LASHED AERIAL CABLE

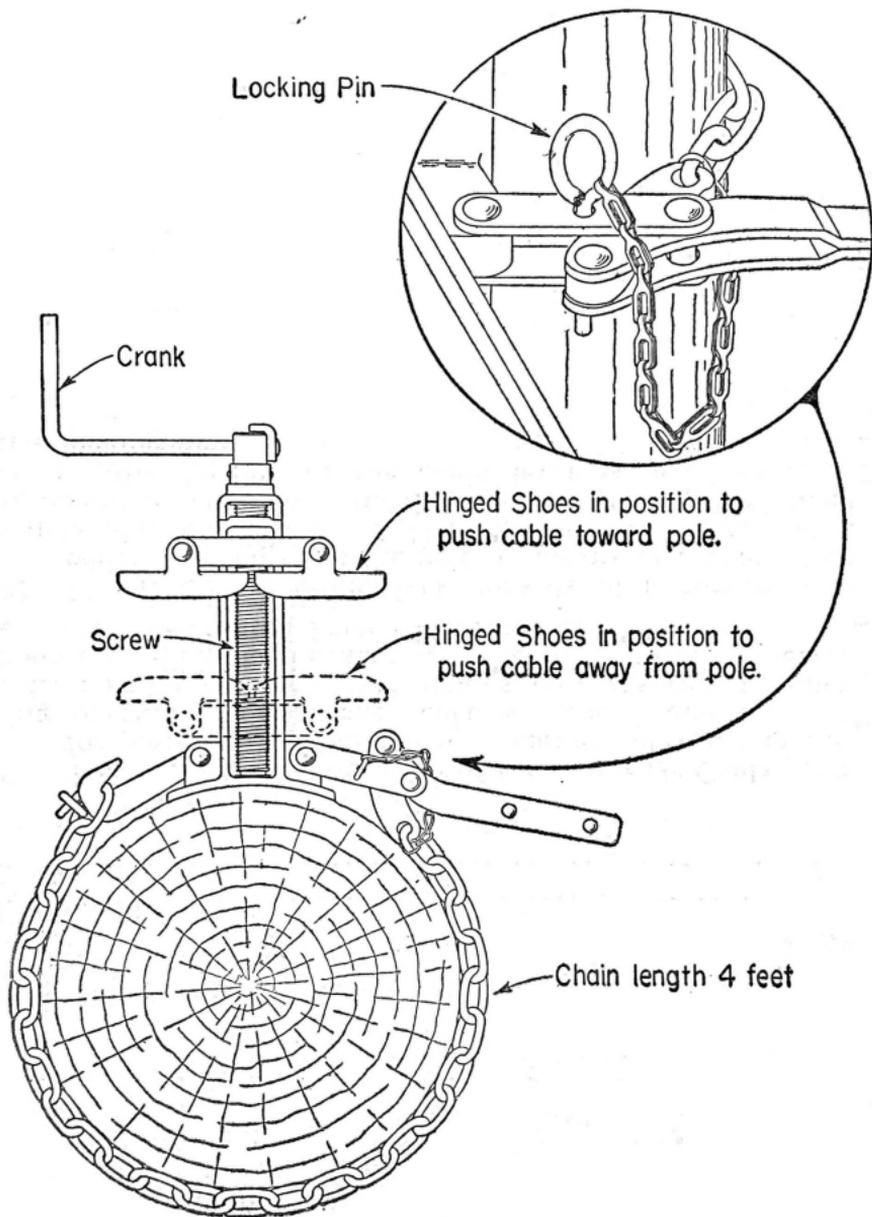
CORNER CABLE JACK

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1. GENERAL

1.01 This section covers the use of the B Corner Cable Jack for positioning aerial cables at corner poles during the lashing operation. This Issue replaces Issue 1 and includes modifications to the jack. Instructions now covered in other sections regarding the installation of a pole strand connector as a spacer are omitted from this Issue.

1.02 The B Corner Cable Jack consists of a curved base which is clamped to the pole by means of a chain, two reversible hinged shoes which bear against the cable, and a crank-operated screw for adjusting the position of the hinged shoes. Positive locking of the chain lever is provided by a captive locking pin.



2. USE

2.01 At corners where the pull is **away** from the pole, the jack is used in connection with cable lashing operations to draw the cable toward the pole and hold it in the desired position relative to the pole surface, the suspension strand, and attachments. At corners where the pull is **toward** the pole, the jack is used to push, and hold, the cable away from the pole during lashing. The use of the jack is necessary only where the size of the cable or angle of pull requires more force than can be applied safely by hand.

2.02 Before setting up the jack, place a cable guard on the cable so that the hinged shoes of the jack will bear against the guard and not against the cable.

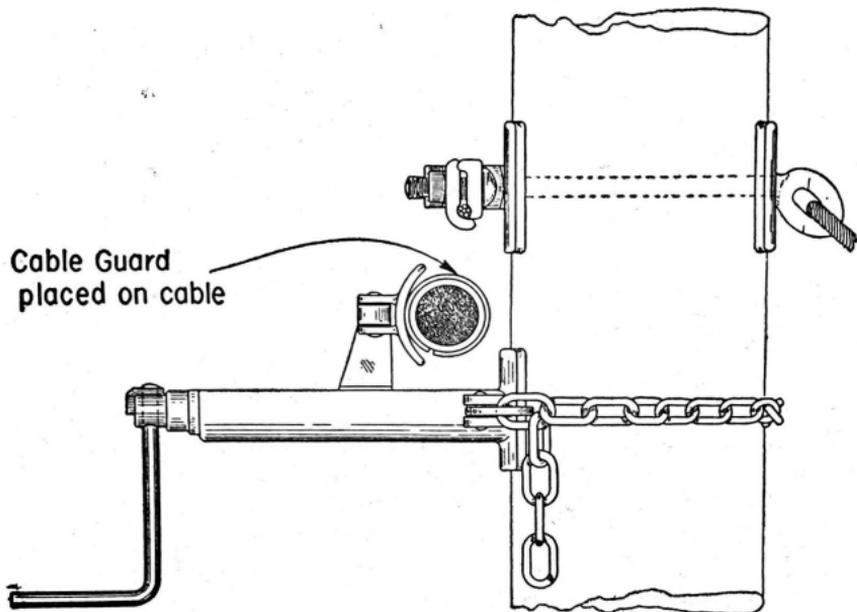
2.03 After one of the spans adjacent to the corner pole has been lashed, transfer the lasher to the other side of the pole and position the cable in the lasher. Then set up the jack and position the cable as follows:

(a) **Where pull is away from the pole**

(1) Run the hinged shoes out to the crank end of the screw.

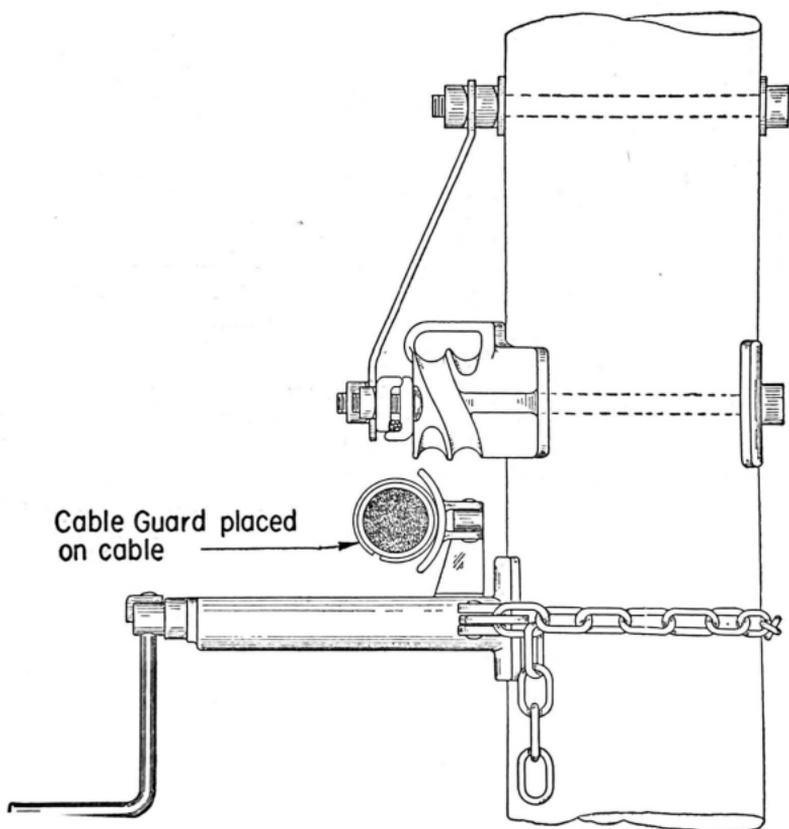
(2) Fasten jack securely to the pole. Jack should be positioned so that the cable will be above the screw and in line with the hinged shoes. (The center line of the shoes is about 2-1/8 inches above the center line of the screw.)

(3) Swing the shoes toward the cable, and turn the crank to seat the shoes against the guard. After the shoes are properly seated, push the cable toward the pole by operating the crank. Clearance of not less than 1/2 inch is required between the guard and the surface of the pole.



(b) **Where pull is toward pole**

- (1) Run the hinged shoes to the pole end of the screw.
- (2) Fasten jack securely to the pole. Jack should be positioned so that the cable will be above the screw, and with the hinged shoes between the cable and the pole.
- (3) Turn crank to seat the shoes against the guard.
After the shoes are properly seated, push the cable away from the pole by operating the crank until the center line of the cable is directly below the center line of the suspension strand.



2.04 The jack should not be removed until after a portion of the adjacent span (not less than 25 feet) has been lashed. Do not remove the cable guard.

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