

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G80.420.1
Issue 3, April, 1954
AT&T Co Standard

CABLE BENDERS

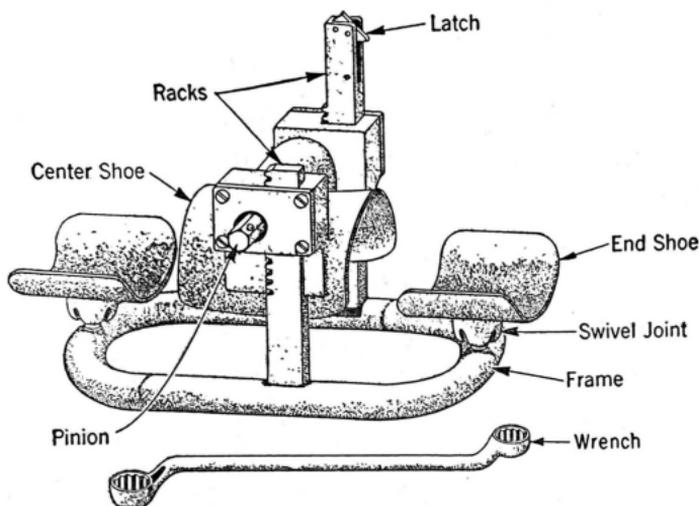
Contents	Page
1. General	1
2. Description	2
3. Lubrication	2
4. Replacement Parts	2

1. GENERAL

1.01 This section replaces Issue 2 and describes the cable benders used in bending cables. The benders are hand operated tools designed to facilitate setting up cables 2 to 2-5/8 inches in diameter. It is reissued to include the new commercial wrench which replaces the special wrench previously furnished.

2. DESCRIPTION

2.01 **D Cable Bender:** The tool is illustrated in the following sketch. The bender is about 15 inches long, 6-5/8 inches wide and 8-1/2 inches high. It consists of a steel frame with three curved shoes that bear against the cable. The middle shoe can be moved with relation to the end shoes by a rack and pinion mechanism operated by a wrench. The ends of the pinion are equipped with stops to prevent the handle from falling off.



2.02 **C Cable Bender:** The superseded C bender is similar in appearance to the D bender except that it has a rectangular frame, the sockets on the end shoes are smaller and the ends of the pinion are not equipped with stops.

3. LUBRICATION

3.01 The rack and pinion and the latch bearing should be well lubricated occasionally with any of the commonly used automobile engine oils.

4. REPLACEMENT PARTS

4.01 **Wrench,** J. H. Williams, No. 8030.