B TORQUE WRENCH
DESCRIPTION AND USE

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1. GENERAL

1.01 This section covers the description and use of the B Torque Wrench (AT-8411). The B Torque Wrench is used to tighten nuts and bolts on apparatus cases, splice cases, and closures to the proper torque to assure a gastight and watertight seal.

1.02 This section is reissued to show new physical appearances of B Torque Wrench.

2. DESCRIPTION

2.01 The B Torque Wrench (Fig. 1) has a 3/8-inch square drive and a gauge covering a torque range of 0 to 600 inch-pounds in 10 inch-pound increments in either direction.

2.02 The wrench has an overall length of approximately 12 1/2 inches and weighs about 1-1/4 pounds.

2.03 Sockets to fit the B Torque Wrench are included in the D Wrench Kit which must be ordered separately.

3. USE

3.01 Before using the B Torque Wrench, make sure the pointer is on zero. If the pointer is not on zero, carefully rotate the knurled dial housing until the pointer is exactly on zero.

3.02 Select a suitable 3/8-inch drive socket from the D Wrench Kit and fully engage the socket on the torque wrench drive.

3.03 Tighten the nut or bolt fingertight, then engage the socket on the B Torque Wrench with the nut or bolt to be tightened. Apply pressure on the torque wrench handle to tighten the nut or bolt until the specified torque reading is obtained on the dial.

3.04 Where several nuts or bolts are to be tightened on a single splice case or closure, stagger the tightening of the nuts or bolts, using the ratchet drive socket wrench in the D Wrench Kit, following the Bell System Practice covering the splice case or closure involved. ***Apply only moderate force on each nut or bolt.*** After all nuts or bolts are moderately tight, complete the tightening, using the B Torque Wrench, as described in 3.03.

Caution: Torque should never be allowed to exceed the maximum range of the wrench as this may damage the wrench.

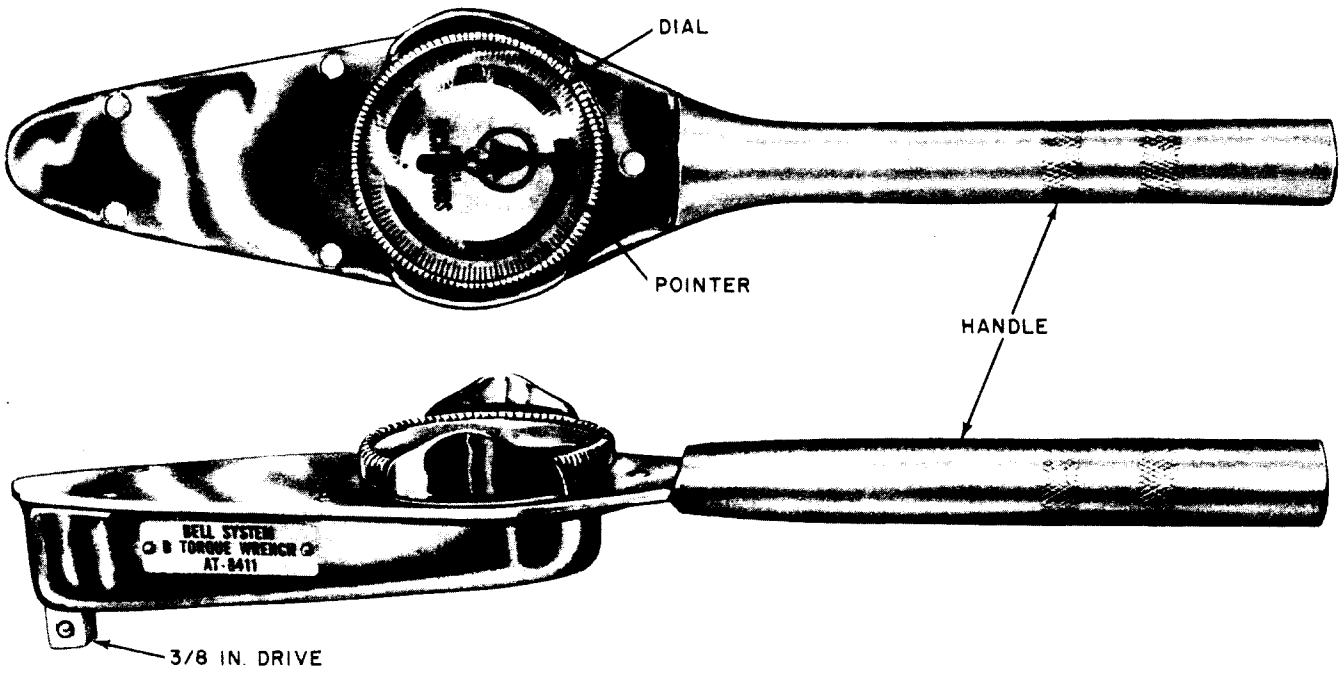

Fig. 1—B Torque Wrench