CUSTOMER EQUIPMENT TOOLS

AT-8900 C DRILL-DRIVER KIT

1. GENERAL

1.01 The C drill-driver kit is intended for use with AT-8899 B steel anchors to make attachments to masonry or wood structures.

1.02 Whenever this section is reissued, the reason(s) for reissue will be listed in this paragraph.

2. IDENTIFICATION

2.01 The C drill-driver may be used in boring holes and driving anchors into most materials including brick, cement block, and concrete. These units are designed to be powered by an electric masonry drill.

2.02 The C drill-driver is 7-inches long, consisting of a metal shaft and a plastic covered metal sleeve which may be set in different positions on the shaft by means of a key on the shaft and a key-way in the sleeve. The shaft has a hex shape on one end to fit in the drill chuck, a machined hole in the other end to accept the drill bits, and an allen headset screw in the side to lock the drill bits in place. The sleeve has a hole in the side which, when aligned with the allen headset screw, allows locking of drill bits. The sleeve also is threaded on drill bit end to accept either of the two sockets provided for driving B steel anchors.

2.03 The C drill-driver kit (Fig. 1) contains the following parts in a plastic case:

C-DRILL-DRIVER KIT

- One C drill-driver, complete with socket for driving 1/4-inch steel anchors, AT-8899
- One each—0.195 and 0.164 diameter masonry drill bits for drilling holes over 2 inches long
- One each—0.195 and 0.164 diameter masonry drill bits for drilling holes under 2 inches long
- One—1/8-inch hex key wrench
- One—1/4-inch hex key wrench
- One—5/16-inch hex key wrench
- One—socket to convert the C drill-driver to drive 3/16-inch B steel anchors.

2.04 The C drill-driver has a hex shaped 3/8-inch drive shaft and requires a 3/8-inch drill.

ORDERING GUIDE

- (Qty) each Kit, Drill Driver, C, AT-8900

Piece Parts

- (Qty) each Drill Driver, C, AT-8900
- (Qty) each Drill, Masonry, Carbide, AT-8900 0.195 by 4-1/2 inch
- (Qty) each Drill, Masonry, Carbide, AT-8900, 0.195 by 3-1/2 inch
- (Qty) each Drill, Masonry, Carbide, AT-8900, 0.164 by 3-1/2 inch
- (Qty) each Drill, Masonry, Carbide, AT-8900, 0.164 by 4-1/2 inch
- (Qty) each Wrench, Hex, Key, AT-8900, 1/8 inch
- (Qty) each Wrench, Hex, Key, AT-8900, 1/4 inch
- (Qty) each Wrench, Hex, Key, AT-8900, 5/16 inch

- (Qty) each Socket, 3/16 inch, AT-8900
- (Qty) each Socket, 1/4 inch, AT-8900
- (Qty) each Case, Kit, Drill Driver, AT-8900.

3. OPERATION

3.01 To install drill bit in drill-driver:

(1) Disconnect drill from power source

(2) Align hole in sleeve with allen headset screw in shaft

(3) Place drill bit in driver with flat side on bit aligned with set screw

(4) Tighten set screw.

3.02 To replace hex head drive socket:

(1) DISCONNECT DRILL FROM POWER SOURCE

(2) Place tool in drill, tighten and leave chuck key in chuck to prevent turning

(3) Extend shaft to drive position

(4) Insert proper hex key into drive socket and turn counterclockwise until loose

(5) Remove and replace hex head drive socket

(6) Tighten until snug.

3.03 To drill hole using drill-drive:

(1) Install drill-driver in drill

(2) Move sleeve of drill-driver to drill position

(3) Install proper size drill bit in drill-driver (paragraph 3.01)

(4) Drill hole minimum of 1/4-inch deeper than length B steel anchor to be imbedded.

3.04 To drive B anchor:

(1) Slide plastic sleeve forward to end of key-way and rotate so drive pin locks in J slot

(2) Place head of B steel anchor into hex head socket

(3) Position anchor in drilled hole and drive until anchor is fully seated

(4) Final seating can be done using a screwdriver or manual hex nut driver.

3.05 The C drill-driver is not intended for use in removing anchors. To remove B steel anchors, use a screwdriver or manual hex nut driver.

Fig. 1—Typical Drill-Driver Kit C