

FOUNDATION AND ASSOCIATED APPARATUS

KS-21976

1. GENERAL

1.01 This section includes information on the KS-21976, List 1 foundation (Fig. 1); KS-21976, List 2 drive tool (Fig. 2); and KS-21976, List 3 tread plate (Fig. 3).

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

2. IDENTIFICATION

2.01 The foundation (Fig. 1) is a screw type anchoring device, designed to support a KS-20842 SENTRY* telephone mounting, which can be used in lieu of a poured concrete base.

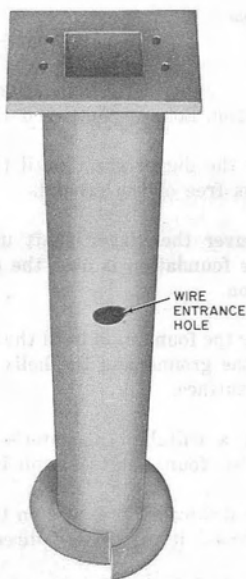


Fig. 1—KS-21976, List 1 Foundation

* Trademark of Western Electric.

2.02 The foundation has the following features.

- (a) The main body consists of a 6-inch diameter steel pipe, 48 inches long.
- (b) On one end of the pipe is a mounting plate for attaching the drive tool or pedestal.
- (c) On the other end is an 11-5/16 inch diameter helix and a 12-inch long pilot.
- (d) The foundation weighs approximately 85 pounds.

2.03 The drive tool (Fig. 2) is a round tool designed to interface between the foundation and the line trunk digger shaft.

2.04 The drive tool has the following features.

- (a) Made of steel.
- (b) Is approximately 7-3/4 inches in diameter and 3-1/2 inches thick.
- (c) One tool can be used for all foundations.

2.05 The tread plate (Fig. 3) is an aluminum plate, 27-5/8 inches by 31-1/8 inches, which is used as a pad for the customer to stand on while using the phone. It is attached directly to the foundation.

Ordering Information

Note: Since one List 2 tool can be used an infinite number of times, it is not necessary to order the tool and the List 1 foundation on a 1 to 1 basis.

NOTICE

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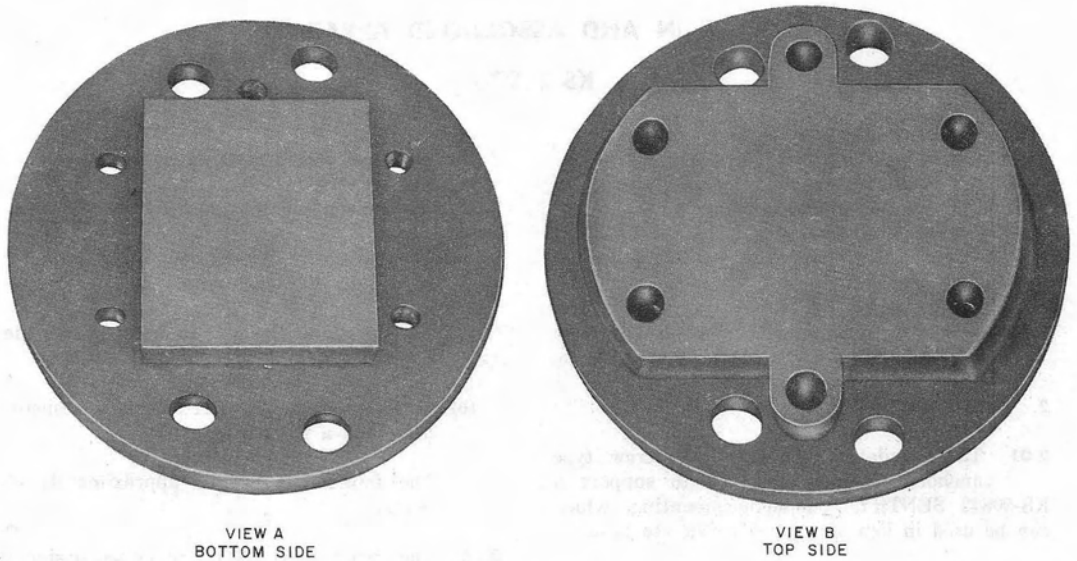


Fig. 2—KS-21976, List 2 Drive Tool

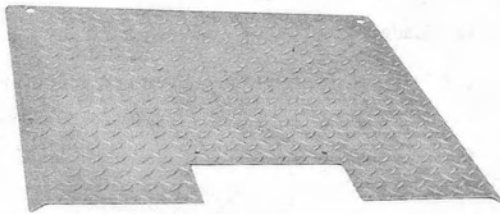


Fig. 3—KS-21976, List 3 Tread Plate

2.06 Following is an example of a typical order:

5—Foundations KS-21976, List 1

1—Tool, Drive KS-21976, List 2

5—Plates, Tread, KS-21976, List 3

3. INSTALLATION (Fig. 4)

3.01 Assemble the List 2 drive tool to the line truck digger shaft.

3.02 Assemble the List 1 foundation to the List 2 drive tool. Bolts are furnished with foundation.

3.03 Raise the digger shaft until the foundation swings free of the ground.

3.04 Maneuver the digger shaft until the pilot of the foundation is over the exact location of installation.

3.05 Lower the foundation until the pilot is forced into the ground and the helix is flush with the ground surface.

3.06 Using a suitable carpenter's level, ensure that the foundation is plumb in every axis.

3.07 Apply downward pressure on the foundation and rotate it in the *dig* direction.

3.08 When the helix has penetrated approximately 1 foot into the ground, verify that foundation is still plumb.

3.09 Continue to install the foundation, applying downward pressure and correcting the digger

shaft's orientation so the foundation embeds itself in one smooth continuous motion.

3.10 When the foundation's baseplate is to the correct depth, stop the digger, remove the drive tool from the foundation and the digger shaft.

Note: The top edge of the foundation should be level with the surface upon which the customer will stand.

3.11 Holes are provided on the side of the foundation for underground wiring.

3.12 Install the KS-21976, List 3 tread plate on the foundation as follows.

- (1) Place plate with the cutout on the foundation with standing portion on front side.
- (2) Secure plate to foundation with two 1/4-20 by 3/4 security screws (furnished).
- (3) Secure plate at front corners with two 5/8-inch diameter by 15 inch long spikes. Spikes are furnished.

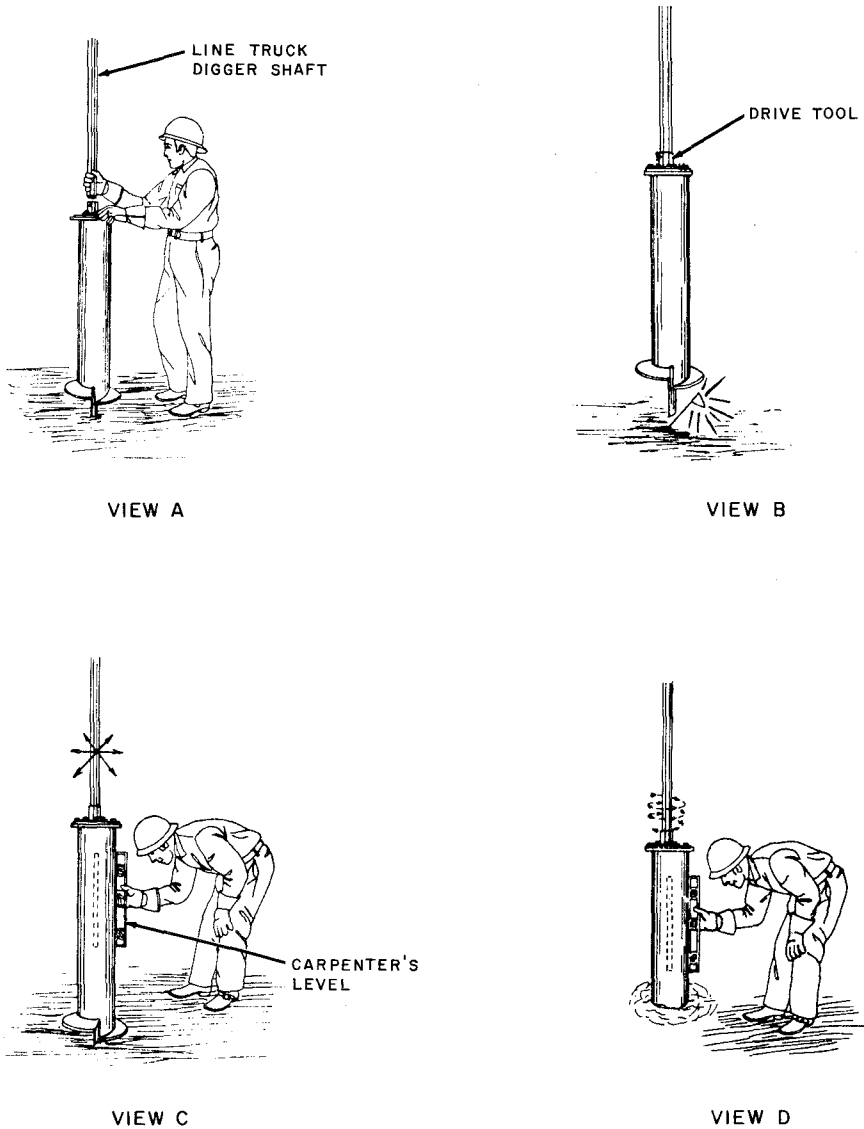


Fig. 4—Installation Procedures