

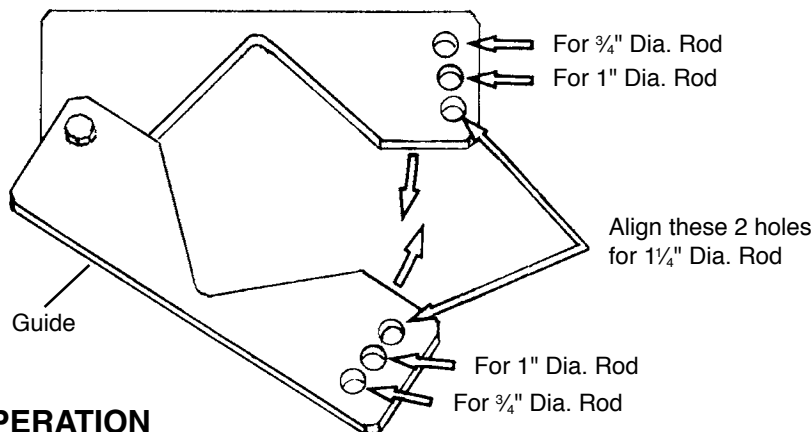
NO-WRENCH POWER INSTALLATION TOOL E303-0255 OPERATING INSTRUCTIONS

⚠ WARNING

Read and Understand this instruction sheet completely before installing an anchor. These instructions are intended to illustrate the use of the Chance E303-0255 No-Wrench Power Installation Tool. Anchor installing tools covered in this instruction sheet must be used by competent personnel familiar with and following good work and safety practices. Should additional information and details be desired, or if specific situations arise which are not covered adequately herein, the user should refer to Chance directly. In some cases, Chance may make specific recommendations concerning installation torque and installation depth for a particular application.

GENERAL

The no-wrench power installation tool is designed to fit Chance integral-eye anchor rods. It can also be used to install type GP foundations which have had an eye nut temporarily installed. The tool is equipped with rod guides which are pinned and pivoted at one end. The other end of each guide has three holes that when properly aligned with each other and the mating hole in the adapter body, fit and guide 3/4-inch, 1-inch, or 1-1/4-inch diameter anchor rods. **The Torque Rating of this tool is 3000 ft.-lb.**



OPERATION

1. Attach adapter body to an appropriate Kelly Bar Adapter using the 1/2-inch grade 5 bolts, nuts and lockwashers provided. Tighten the bolts to 75 ft.-lb. dry.

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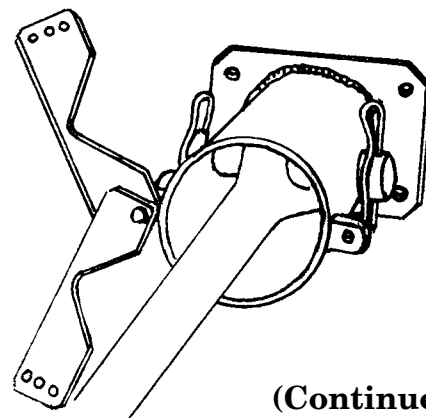
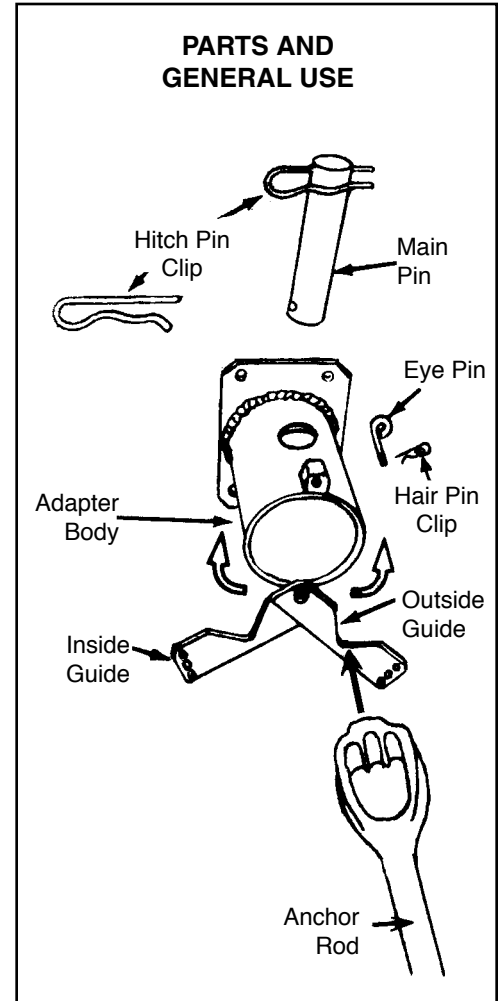
Inadequate maintenance, incorrect tool, or improper use of tools and hardware may lead to unexpected fracture. Can cause property damage, severe injury, or death. Frequently inspect tools and hardware for damage, correct quantity, correct size, correct type, and bolt tightness. Replace as necessary with the same grade and size as the originals.

⚠ WARNING

Loose or broken parts may be thrown at high speed. Can cause property damage, severe injury, or death. Stay away from drive train during installation.

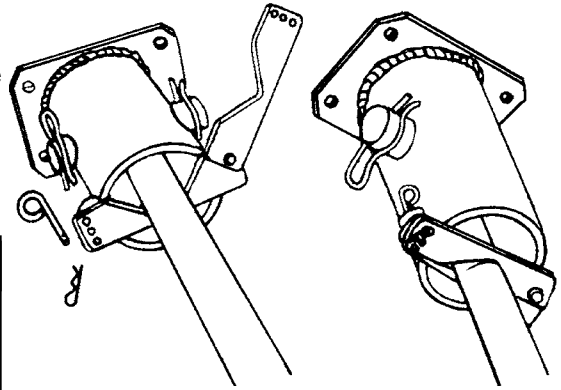
2. Remove one hitch pin clip from main pin. Remove main pin from adapter body.

3. Remove hair pin clip from the eye pin, and remove eye pin from the guides. Open guides and insert anchor eye into adapter body. Install main pin through anchor eye. **Secure main pin with hitch pin clip.**



(Continued on back)

4. Close inside guide so the proper one of the three holes in the guide end is aligned with the matching hole in the adapter body. Insert the eye pin through the two holes just far enough that the end of the eye pin is flush with the outside of the guide. Swing the outside guide in, align the proper one of the three holes in this guide with the eye pin, and complete engagement of the eye pin. **Insert the hair pin clip in the eye pin to hold it in position.**



⚠ WARNING

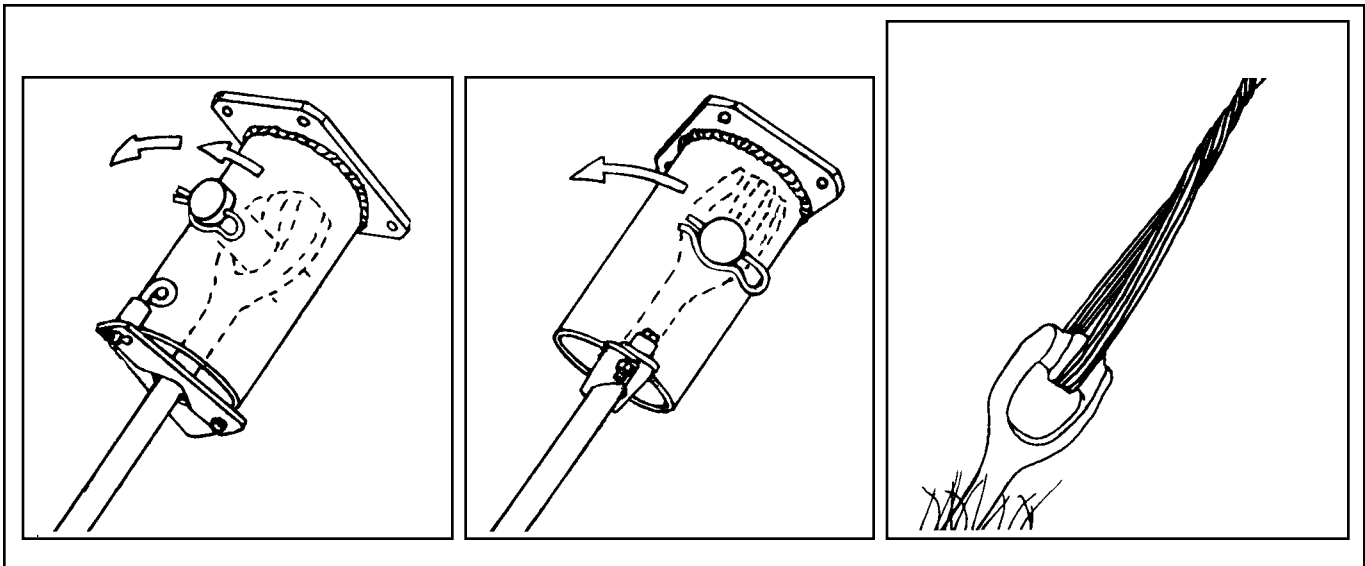
Anchor installation can puncture underground utility service. Can cause property damage, severe injury, or death. Locate and avoid all underground utility services when installing an anchor.

ANCHOR INSTALLATION

Begin anchor installation in a near vertical position. After the anchor has entered the soil, adjust the angle of the anchor so that the Rod is in line with the Guy.

Use steady down pressure during installation of the anchor to keep maximum anchor socket engagement. Avoid excessive uplift. Do not exceed the tool and/or anchor torque rating.

When anchor is driven to desired depth, take care to position guy-wire grooves of anchor eye as desired before removing adapter. Observe rotation of main pin to determine location of guy grooves.



REMOVING ADAPTER FROM ANCHOR

1. Remove eye pin and open inside and outside guides.
2. Remove hitch pin clip and remove main pin.
3. Lift drive head of installing equipment off anchor eye.
4. Replace main pin and hitch pin clip. Close guides and insert eye pin to prevent loss of these components and to prevent damage to guides.

NOTE: Avoid resting weight of installing equipment on rod guides when in open position to prevent bending or damaging them.

These instructions do not claim to cover all details or variations in equipment, nor to provide for all possible conditions to be met concerning installation, operation, or maintenance of this equipment. The presence of energized overhead lines in particular may necessitate alternate methods to prevent accidental contact with the lines. If further information is desired or if particular problems are encountered which are not sufficiently covered in this guide, contact A. B. Chance Company.

NOTE: Because Chance has a policy of continuous product improvement, it reserves the right to change design and specifications without notice.



CHANCE

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