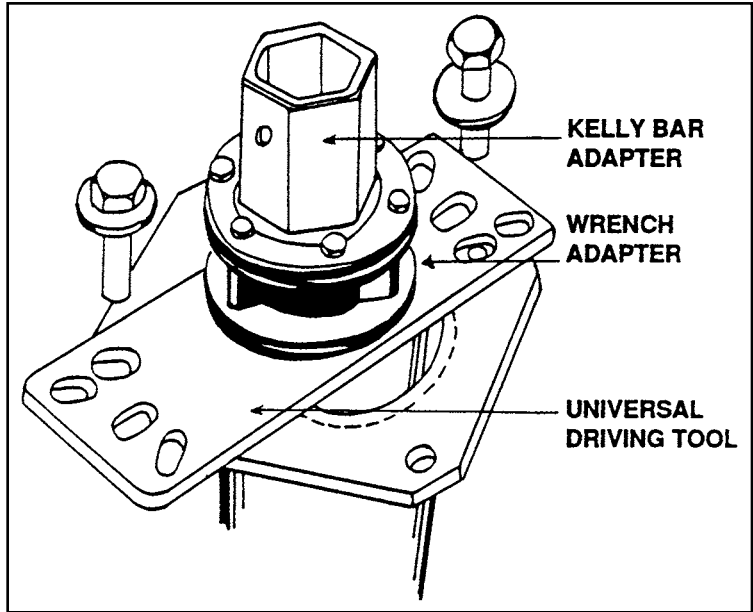


KELLY BAR PISA® WRENCH ADAPTER OPERATING INSTRUCTIONS

These instructions are intended to illustrate the use of these installing tools. Anchor installing tool covered in this instruction sheet should 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 for the user's purpose, the specifics should be referred to Chance. In some cases, Chance may make specific recommendations concerning installation torque and installed depth limits for specific applications.

Chance Wrench Adapter Tools are designed to be used when two tools have different bolt circles on their mounting flange, or when two tools have the same bolt circle on their mounting flange, but the bolt holes are threaded. The C303-0115 adapter connects two tools with a 5-1/4-inch diameter bolt circle. Use between the Kelly Bar Adapter and anchor wrench when kelly bar is three inches square or larger, or when anchor tool with tapped bolt circle is to be attached to a Torque Indicator. C303-0115 must also be used between a Kelly Bar Adapter with tapped bolt circle and a Chance Streetlight Foundation Installing Tool C303-0139. The T303-0166 Adapter connects a tool with 5-1/4-inch diameter bolt circle to a tool with 7-5/8-inch diameter bolt circle. Use between a Kelly Bar Adapter having a 5-1/4-inch diameter bolt circle and an SS Drive Tool (SS175, 200, 225) having a 7-5/8-inch diameter bolt circle. T303-0166 can also be used between a Kelly Bar Adapter and a Torque Indicator that has a 7-5/8-inch bolt circle. C303-0115 is provided with six 1/2-13 UNC bolts and lockwashers whereas C303-0166 is provided with six 5/8-11 UNC bolts and lockwasher for attachment to tools that have appropriately threaded bolt circles. The allowable installing torque for both Wrench Adapters is limited to 10,000 ft-lbs.



⚠ WARNING

Failure to monitor the condition of all parts and take corrective action as necessary may lead to failure during use, resulting in personal injury or property damage.

Check all output string bolts along the drive train periodically to ensure they remain tight. Loose or damaged bolts may fail at, or below the anchor's torque rating or contribute to damage elsewhere in the output string. Check all parts periodically for wear or damage and replace as necessary with original equipment. Replacement bolts must be the same grade and length as the originals.

RECOMMENDED TIGHTENING TORQUES	
BOLT	DRY TORQUE (ft.-lb.)
1/2" - Gr. 5	75
5/8" - Gr. 2	95

These instructions do not claim to cover all details or variations in equipment, nor to provide for all possible conditions to be met with concerning installation, operation, or maintenance of this equipment. 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, we reserve the right to change design and specifications without notice.

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