



Keeping the World Flowing
for Future Generations

C Series Chain Wheels

Installation Instructions



Models: C9, C12, C15, C18, C30 & C40

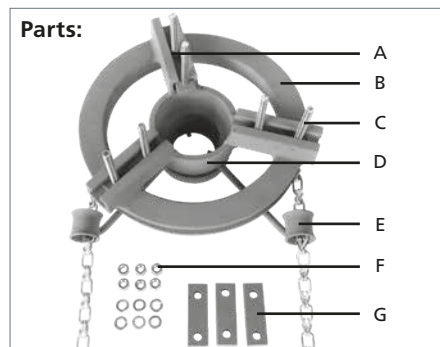


Procedure:

1. Screw all six Stud Bolts (C) into the Threaded Clamps (G).
2. Slide the three clamps (with bolts) into the three Tee Slots (A) and slightly tighten the bolts against the bottom of the tee slots just enough to hold them in place. **DO NOT OVER TIGHTEN.**
3. Centre the chain wheel over the valve handwheel.
4. Slide the Stud Bolts over the rim of the handwheel and install the Drilled Clamps and Lock Washers & Nuts (F). Securely tighten all six nuts.

Caution:

1. Whenever a chain wheel is installed, provision must be made to **KEEP THE VALVE HAND WHEEL RETAINING NUT FROM BACKING OFF THE STEM.** This is best done by installing a **SET SCREW** that secures the nut to the stem.
2. All chain wheel installations, regardless of age, must be regularly inspected as part of the user's Safety/Maintenance Procedures. Set screws and other threaded fasteners **MUST** be secure and tight.
3. As an additional safeguard, Roto Hammer strongly recommends that **ALL** chain wheels be fitted with an appropriately sized Roto Hammer RCK Safety Cable Kit available from your local distributor or Roto Hammer Industries.



- | | |
|-------------------|---|
| A. Tee Slots (3) | F. Lock Washers & Nuts (6 Sets) |
| B. Sprocket | G. Drilled Clamps (3) |
| C. Stud Bolts (6) | Threaded Clamps (3)
(shown already installed in the above photo) |
| D. Set Collar | |
| E. Chain Guide | |

See back for instructions on E Series Chain Wheels.

A full listing of the Rotork sales and service network is available on our website.

www.rotork.com

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E Series Chain Wheels Installation Instructions



Procedure:

1. Remove retaining nut and handwheel from existing valve.
2. Attach RCK Safety Cable Kit (if equipped) to the E Series Chain Wheel on one end and to the valve on the opposite end.
3. Replace existing handwheel with the E Series. (If necessary for clearance purposes, the chain wheel can be installed backwards. However, it is preferred that the chain wheel be installed with front side facing the operator, as shown in the photo on the right).
4. Replace retaining nut and tighten the retaining nut set screw.
5. Install the chain by running it through the eyelets of the chain guide.
6. Connect the chain into a continuous loop by using the appropriately sized Roto Link.

Caution:

1. Whenever a chain wheel is installed, provision must be made to **KEEP THE VALVE HAND WHEEL RETAINING NUT FROM BACKING OFF THE STEM**. This is best done by installing a **SET SCREW** that secures the nut to the stem.
2. All chain wheel installations, regardless of age, must be regularly inspected as part of the user's Safety/Maintenance procedures. Set screws and other threaded fasteners **MUST** be secure and tight.
3. As an additional safeguard, Roto Hammer strongly recommends that **ALL** chain wheels be fitted with an appropriately sized Roto Hammer Retaining Cable Safety Kit available from your local distributor or Roto Hammer Industries.
4. Maintain Handwheel and Operator – Retention of the chain wheel operator on the valve stem is dependent on the handwheel remaining on the valve stem. The handwheel retaining nut **MUST** be secured with a set screw.

See front for instructions on C Series Chain Wheels.

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