


# Installation Instructions

## Instructions for Installing Chainwheel Kits onto Victaulic Valves

**⚠ WARNING**



Failure to follow instructions and warnings can result in serious personal injury and/or property damage.

- Read and understand all instructions before attempting to install any Victaulic products.
- Wear safety glasses, hardhat, and foot protection.

If you need additional copies of any literature, or if you have any questions about the safe and proper installation of any Victaulic products, contact Victaulic World Headquarters, P. O. Box 31, Easton, PA 18044-0031, 1-800-PICK VIC, pickvic@victaulic.com.

### Chainwheel Kits

**No. 0 and No. 1**



Qty.	Item Description
1	Sprocket
1	Plate
3	Bolts
3	Lock Nuts
6	Flat Washers

**No. 1½, No. 2, No. 2½, No. 3, and No. 3½**



Qty.	Item Description
1	Sprocket
3	"U" Straps
3	Bolts/Flat Washers
3	Lock Washers
3	Nuts

**No. 2**  
*(for Series 980 Gear Operators with 8-inch [203,2 mm] Handwheels)*



Qty.	Item Description
1	Sprocket
3	"J" Bolts
3	Flat Washers
3	Lock Washers
3	Bolts

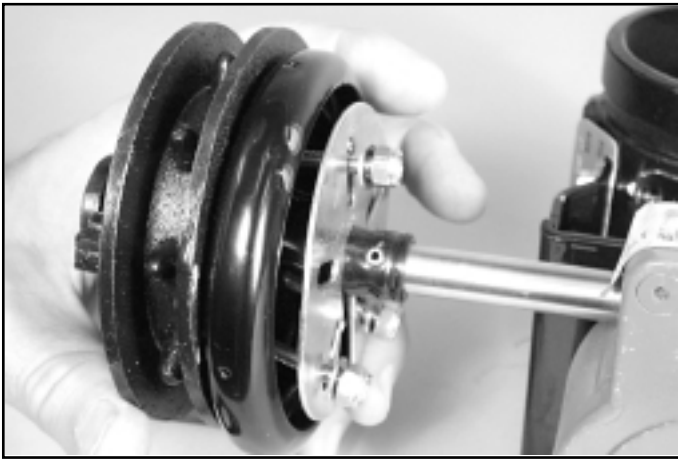
### Installing No. 0 and No. 1 Chainwheel Kits



1. Install plate over gear operator's input shaft. **NOTE:** You may need to bend the plate slightly to install it onto the input shaft.



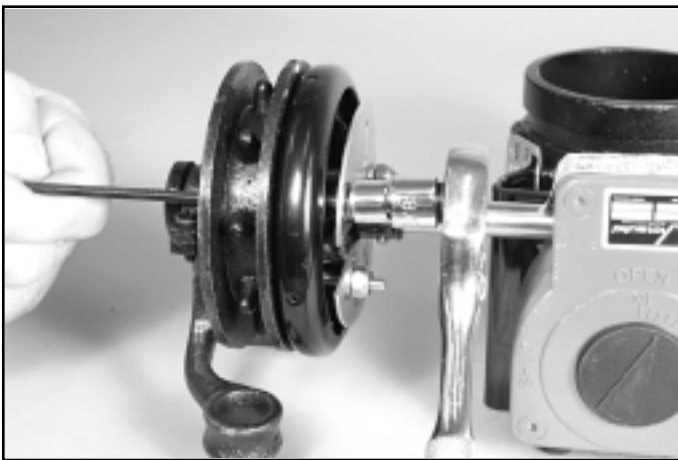
2. Place the sprocket rim against the front of the handwheel.



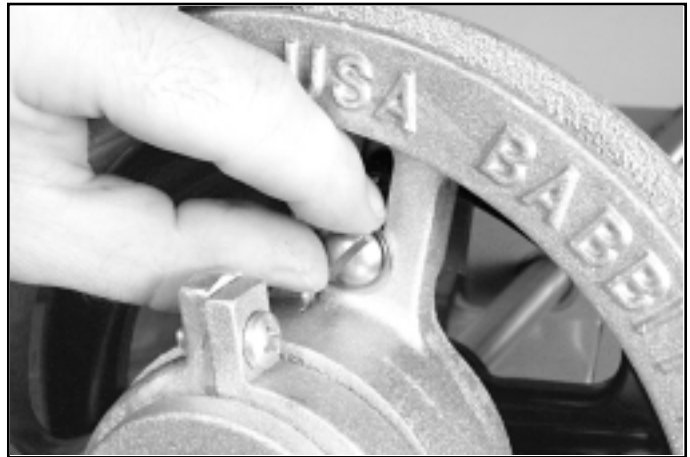
**3.** Insert a bolt into three of the slots in the sprocket rim, making sure the bolts are spaced as evenly as possible and that they pass through the handwheel spokes and the holes in the mounting plate. Install a washer and nut onto each bolt.



**2.** Place the sprocket rim against the handwheel so that the slot in the sprocket rim aligns with the holes in the strap.



**4.** Center the sprocket rim on the handwheel. Tighten all nuts evenly and securely.



**3.** Install a bolt and flat washer into the slot in the sprocket rim, then through the holes in the "U" strap.

### **Installing No. 1½, No. 2, No. 2½, No. 3, and No. 3½ Chainwheel Kits with "U" Strap Mounting Hardware**



**1.** Place one "U" strap over the rim of the handwheel with the open end facing toward the center of the handwheel.



**4.** Place a lock washer and nut onto the bolt. Tighten the nut until finger tight

**5.** Install the two remaining "U" straps by following steps 1 – 4 above.



6. Center the sprocket rim on the handwheel. Tighten all nuts evenly and securely.



3. Place a flat washer, lock washer, and nut onto the "J" bolt. Hand-tighten the nut.

4. Install the two remaining "J" bolts by following steps 1 – 3 above.

### Installing No. 2 Chainwheel Kits onto Series 980 Gear Operators with 8-inch (203,2 mm) Handwheels



1. Place one "J" bolt around the rim of the handwheel, with the threaded end down, toward the inside of the rim.



2. While holding the "J" bolt in place, place the sprocket rim against the handwheel, and guide one of the mounting slots onto the threaded end of the "J" bolt.



5. Center the sprocket rim on the handwheel. Tighten all nuts evenly and securely.