

Installation & Operating Instructions

For

Dixon Bayco

6000ASR Elbow Locking Ring

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The Right Connection®

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To properly operate and maintain your Dixon Bayco Locking Ring the following instructions are provided. Please read with care as improper handling or maintenance may cause a hazardous condition.



Do not modify your Dixon Bayco Locking Ring for any reason. It can result in a hazardous condition due to operating difficulties or operation malfunction. Disassembly or tampering will void the product warranty.

Installation

The locking ring comes with the following components: aluminum locking ring (two halves), two stainless steel 10-24 nylon lock nuts, two stainless steel 10-24- $\frac{3}{4}$ " bolts, and two bronze arms (over flared) for retrofit requirements.

1. To remove old bronze arms you will need a center punch, hammer and snap ring tool. Remove snap rings from pin and carefully hammer out pins from elbow base. You will need to retain the springs, pins and snap rings for installation of new arms.
2. To install new bronze arms you will need a spring holder to align the spring while installing arm into adapter. Arms should always engage outward by force of the spring. Locate arms and re-insert pin and attach snap rings to secure pins in place.
3. Slide locking ring around the base of the adapter and form a closed circle.
4. Insert bolt and thread on lock nut. Ensure both nuts on the ring are tight and secure. If you are installing the ring on an older model that has the elbow bolted to the adapter with a nut on the bottom, you will be required to reverse the bolt configuration.
5. Remove all four bolts and re-fasten with the nuts on the top of the flange. This will provide the necessary clearance for the ring movements.

Operating Instructions

To attach drop elbow to fuel station adapter, lift locking ring to the highest point on elbow and squeeze arms in equally, enough to fit over the adapter. A solid connection should result in the arms “snapping” into connection with the adapter, and the locking ring able to drop to the bottom of the arms. This will prevent the arms from engaging and allowing the adapter to release its connection. To remove the elbow, lift ring again to the highest point on the elbow and engage arms inward to allow removal of elbow from adapter.

Care and Handling

Dixon Bayco drop elbows are tested at the factory and are in proper working condition when shipped. Drop elbows are designed to be tough and to provide long service with reasonable care and handling. To ensure long service, Dixon Bayco elbows should not be thrown, dropped or dragged; such actions may compromise the integrity and reduce the service life of the product.

Inspection

Locking rings can fail to operate if not properly maintained. Frequently check for damage, loose or missing parts.

Dixon Bayco Warranty

For complete warranty information, please refer to the latest Dixon catalog.