



# INSTALLATION & OPERATING INSTRUCTIONS

For  
**BAYCO #6400  
DROP ELBOWS**

For Sales & Service Contact

# Dixon Bayco

A DIXON COMPANY

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*The Right Connection™*

**IMPORTANT:** This elbow is designed for use with standard 4" top seal service station adapters. To properly operate and maintain your Bayco "6400 series" elbow the following instructions are provided. Please read with care as improper handling or maintenance may cause a hazardous condition.

**CAUTION:** Do not modify your Bayco 6400 series elbow 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.

Never smoke or allow an open flame near your dispenser when handling volatile materials such as gasoline and fuels. An explosion could result. Remember safety is everyone's business.

**Installation:** When the 6400 Series elbow is shipped, the sight glass and gaskets are in a plastic bag attached to the elbow. These must be installed with the required mating Bayco inlet (3" or 4" male or female purchased separately). Take the sight glass and gaskets out of the plastic bag and place one gasket inside the elbow inlet end and make sure it is sealed evenly. Carefully (keep straight) slide the sight glass into the inlet end and onto the installed gasket. Place the other gasket inside the inlet and on the sight glass. Attach the mating inlet using the four socket head cap screws supplied. Coat cap screws with anti-seize compound.

**Lubricate Stem:** A grease nipple is provided to lubricate the locking stem. Bayco supplies the elbow with the stem already lubricated. However we recommend relubricating using lithium based or quality automotive type grease prior to service. **LUBRICATE THE STEM AND CAM ARM BEARINGS MONTHLY. REGULAR LUBRICATION PREVENTS BUILD-UP OF DIRT, ROAD SALT AND OTHER CONTAMINANTS FROM AFFECTING THE LOCKING SYSTEM.**

**Check Operation:** Place elbow bottom end on service station adapter (elbow is designed for use with 4" top seal adapter only). Move operators handle to 11 o'clock the open/unclamped position. Release and hold the safety latch if equipped with one. Move the handle clockwise to 2 o'clock position for full clamping (lever cannot be moved any farther). Check locking arms on adapter. If the elbow is fitted with a safety latch, make sure the stem pin is in the latch notch, preventing movement of operating handle. Release by moving handle to 11 o'clock. If fitted with safety latch, lift the latch lever and operating lever at the same time.

**Care & Handling:** 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 Bayco elbows should not be thrown, dropped or dragged; such actions may compromise the integrity and reduce the service life of the product.

**Inspect for Damage:** *Drop elbows can fail to operate if not properly maintained.* If the #6400 elbow develops any problems, remove from service and contact your Dixon Bayco distributor describing the difficulty. **Elbows should be inspected monthly.** Check the main gasket seal, the sight glass, and the flange where the base is attached to the elbow body for any signs of leakage. Change seals if necessary. Check the sight glass for cracks or damage and replace if needed. Check and tighten all fasteners periodically. Lubricate the lever stem. Check the bushings and replace if cracked or worn, and change if required. Check operation as per above.

**Regularly Replace Bushings:** All Bayco 6200 and 6400 series elbows contain polymer bushings, which protect and extend service life of bronze locking arms. The bushings are designed to wear (instead of the bronze arms) and should be replaced every few months. Operators must be encouraged to inspect and replace polymer bushings to obtain maximum elbow performance and longevity.

**Optional Accessories:** The following accessories are included on specific 6400 elbows, and are available as add on options for other 6400 elbows. **Safety latch kit # 6200SLK** and **extension kit # 6400EXT.** Installation instructions are included with the items when ordered for retrofit.

**Dixon Bayco Warranty:** For complete warranty information, please refer to the inside back cover of the latest Dixon catalogue.