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## Install Guide

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**CR-SSQ101231 Faucet**  
Used on CBR, LIT and CRVS Series of Draft Towers



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# CR-KIT-SSQ101231 Install Kit

*Ordered Separately*

Install Kit for faucets used on CBR, LIT and CRVS series of draft towers.

QTY		Description	Part Number	Usage
1		Flow adjustment knob, plastic	BB101231-A	SSQ1231 Faucet
1		SS set screw, flow adjustment knob	BB101231-B	SSQ1231 Faucet
1		O-ring gasket, draft tower, clear	BB101562	CBR & LIT towers
1		Faucet shank wrench	BB101719	CR-1231SSQ & X0101
1		Faucet tool for locking nut, SSQ	BB101730	SSQ1231 Faucet
1		SS locking nut	BB101733	SSQ1231 Faucet
1		Nylon lever support/pivot ball cap	BB101734	SSQ1231 Faucet
1		O-ring, pivot ball lever	BB101735	SSQ1231 Faucet
1		SS nozzle less O-rings, SSQ	BB101736	SSQ1231 Faucet
1		O-rings for nozzle, 2 per, SSQ	BB101737	SSQ1231 Faucet
1		SS lock washer for adjustment knob	CR-71117	SSQ1231 Faucet
1		SS quix faucet, new style on CBR towers	CR-SSQ101231	CBR, LIT & CRVS towers
1		Rebuild kit for SSQ faucet	CR-SSQ-RBLD	SSQ1231 Faucet
1		Black ergonomic handle, blank	CR-100301-B	SSQ1231 Faucet or X0101
1		Chrome ergonomic handle, blank	CR-100301-C	SSQ1231 Faucet or X0101
1		CBR-V3 draft tower base gasket	LG-Gasket	CBR-V3
1		CBR-V2 & V1 draft tower base gasket	SM-Gasket	CBR-V2 and CBR-V1

Scan for warranty:



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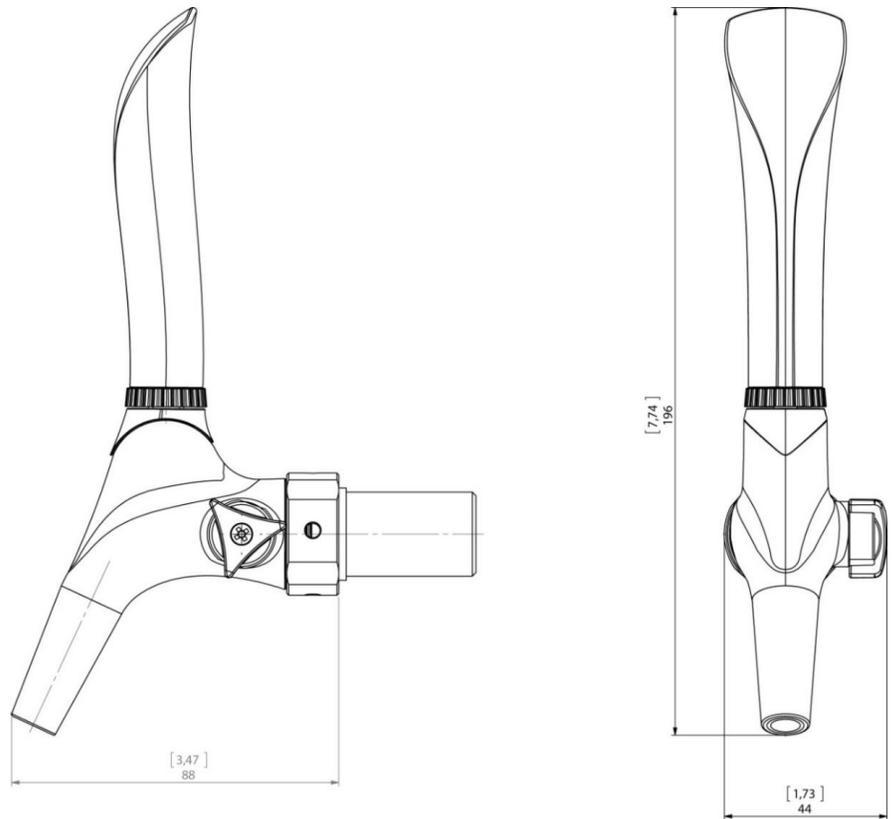
## About the CR-SSQ101231 Faucet

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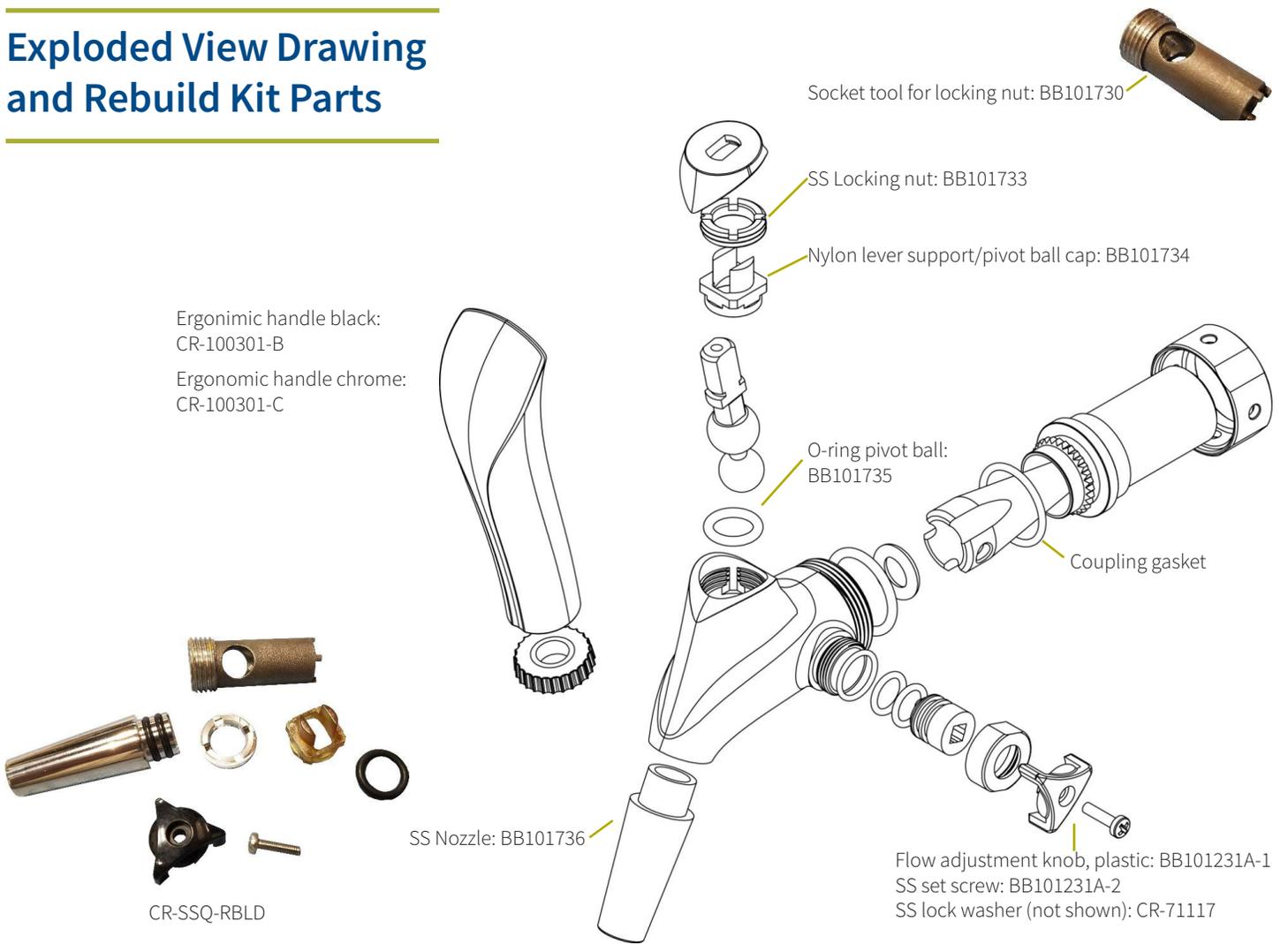
The Crysalli CR-SSQ101231 Faucet is used on the CBR, LIT and CRVS series of draft towers and will be paired with a Crysalli remote chiller system such as the CR-UCM1, CR-UCM2 or CP2000-R-UC-BH.

These faucets are all stainless steel construction and are designed to work with high pressure sparkling water applications, however they still require maintenance and should be checked over daily by the operator to ensure proper function. The following pages outline typical, non-warranty maintenance and operational use such as tightening parts that will loosen, addressing leaks or re-positioning the faucets that can occur with use.

Water quality with high hardness and TDS levels can result in lime scale calcification in and around the faucets. This limescale can wear parts and result in leaks. The water quality along with the daily use will determine the frequency of maintenance to tighten parts and or rebuild the faucets. These scenarios should be explained to the operator and they should be shown how to identify and address them.



# Exploded View Drawing and Rebuild Kit Parts



## Tightening or removing lever set nut

Internal set nut will loosen over time with use and can result in a leak from the top of the faucet body or a wobbling handle. Use the SSQ socket tool or needle nose pliers to tighten it back up.

Lever set nut under handle and cap



## CBR Tower SSQ Faucet Lever Set Nut

There is an internal set nut that holds the handle lever down against an O-ring and seals the top of the faucet. This set nut will loosen over time with use as the handle is pulled forward and back. It should be checked every 6 months and tightened to prevent water from seeping out the top of the faucet under the handle. The set nut is located under the handle, black locking nut and black cap. It can be tightened with the use of our BB101730 socket tool or by using needle nose pliers. If your set nut loosens more frequently than every 6 months, we suggest wrapping a thin layer of Teflon tape around it to help hold it in place.

Remove handle, locking  
nut and cap



Set nut is  
under the  
black cap

Needle nose pliers



4 grooves in the set nut



Place the tip of the pliers in 2  
of the grooves in the set nut



Tighten by turning to  
the right



## Sparkling Water Flow Adjustment Lock Out



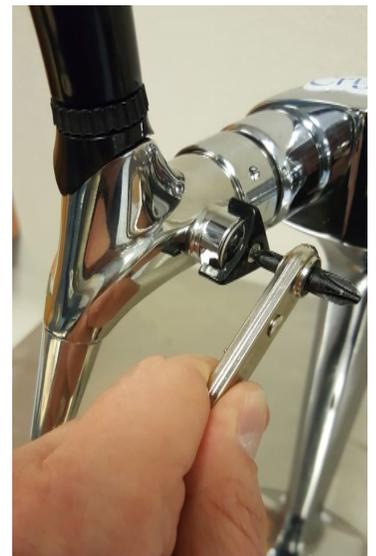
These faucets are designed with a flow control adjustment knob (decrease or increase the flow of the water) on the right side of the faucet body. It will be desirable to lock in a lower flow of the sparkling water rather than allowing it to be adjustable. This can prevent splashing in self service applications and will maximize carbonation profile of the water (the slower the pour the

better the bubble profile). The faucets can also “wander” or increase to full flow on its own with use. To lock in a set flow rate, these faucets are supplied with a stainless steel lock washer on the adjustment knob, once tightened down it will prevent the knob from being turned or moving on its own.



To set the flow rate & lock the flow adjustment knob (make sure system is on and cold, and CO2 open):

- Locate the black plastic three pronged adjustment knob on the right side of the faucet, and check that you can freely turn it (you may need to loosen the Phillips head set screw a little so the knob can turn).
- With a cup under the faucet pull open the handle so sparkling water is flowing. While water is flowing turn the knob to adjust the flow rate (clockwise or away from you to decreases the flow).
- Once a favorable flow rate is determined, tighten the set screw (while not turning the knob) so teeth of washer bite in to the plastic, this will lock the knob so it can no longer be turned or move out of adjustment on its own.
- Check the flow rate again by filling a cup and confirm if the knob is properly tightened down so it can't be turned by hand.



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## Tightening a loose faucet

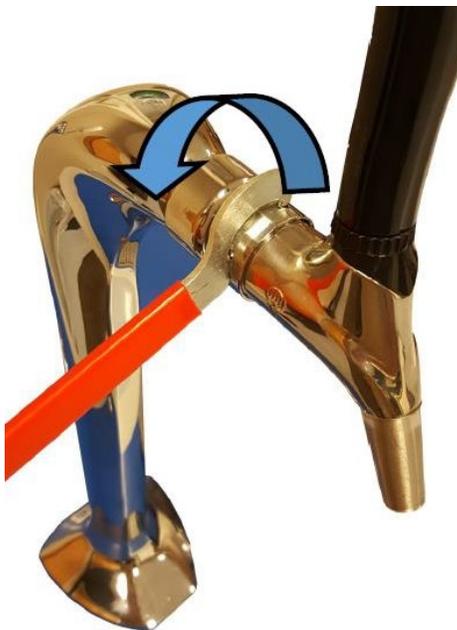
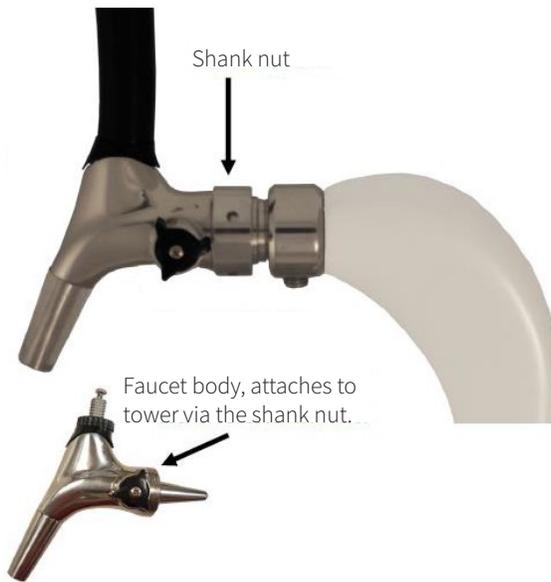
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Faucet wrench: Comes with CBR tower.

This is supplied to tighten or loosen the shank nut that holds the faucet body to the shank and tower.

Using the faucet wrench on the shank nut:

- Counter-clockwise tightens the shank nut to the faucet body.
- Clockwise loosens it for removal.



The shank nut can loosen over time with use of the faucets. When the faucet wobbles a little or if threads are showing, are both indicators that the faucet body is loose and the shank nut needs to be tightened up. Failure to tighten a loose faucet can result in a leak and/or the faucet body coming off.

When tightening the shank nut, be sure to firmly hold the faucet in place, so not to loosen its connection and seal to the tower. A loose connection to the tower can cause an internal leak if the shank is not seated against the gasket in the tower anymore.

# Fixing A Tower Leak

The faucet body attaches to the tower via the shank. The shank has a nut and chrome spacer sleeve on it. The shank is threaded onto the tower and seals via a gasket that is inset in the tower. If the faucet assembly (faucet body attached to shank) comes loose from the tower, it can result in a leak at the tower or internally down the tower because the shank is no longer sealed to the gasket. Once tight again, the faucet body will be at an angle so that needs to be corrected. Turn the water and CO2 off and relieve the system pressure, then loosen the shank nut, remove the faucet body, realigned, push on and tighten back down. If this does not resolve the leak, the rear sealing gasket in the tower should be replaced.



Teeth on shank to hold faucet body in place. Shank nut threads on to faucet body and should be kept tight to keep the faucet body from wobbling and possibly stripping the teeth over time.



Example of how shank seals to gasket.



1. Loosen chrome space ring, #5 Allan
2. Tighten entire faucet assembly to tower to reseal shank to gasket and stop a leak.
3. With unit, water & CO2 off and depressurized, loosen shank nut so the faucet body can be removed.
4. Remove, then vertically reposition & reattach faucet body to shank. Hand tighten shank nut.
4. Tighten shank nut with faucet wrench while holding faucet in place. Then tighten chrome spacer ring again.

