Soda Carbonator – Keg Reactor Lid

Leak Fix Instruction manual

KL10955

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Identifying a leak on your soda carbonator.

There are two ways to determine if the soda carbonator is leaking water from the ball lock post into the keg. This leak may not be visible while the soda carbonator is attached to the keg.

Method 1.

Step 1. Disconnect the liquid ball lock disconnect from the soda carbonator lid and remove the soda carbonator lid from the keg.

Step 2. Submerge the float mechanism in water until water is no longer being sprayed from the spray nozzle. This may take up to two seconds to stop.

Step 3. While submerged look at the underside of the lid for any leaks that form on the thread. This may be a very slow leak and it could take up to 30 seconds for a leak to be identified.

Method 2.

Step 1. Attach the soda carbonator to a keg

Step 2. Connect your mains water supply to the soda carbonator keg via a ball lock disconnect and allow the keg to fill with water until the ball float stops the flow of water.

Step 3. Pressurise the keg to between 5-10 PSI

Step 4. Spray or sponge soapy water (detergent) on the soda carbonator and look for the formation of any bubbles indicating a leak. If a leak is observed disconnect the ball lock disconnect from the soda carbonator, release the pressure in the keg and follow the instructions for fixing a leak on the soda carbonator.

Step 5. If no bubbles were formed then depressurise the keg and leave it connected to the mains water for a few hours. After this time has elapsed disconnect the mains water supply from the soda carbonator and remove the soda carbonator lid from the keg. If the keg is full to the brim then this indicates you have a leak.

Fixing a leak on the soda carbonator

It is important to closely follow these steps in the correct order. If the steps are followed out of order the soda carbonator may continue to leak due to the o-rings not being compressed adequately to form a watertight seal.

Step 1. Ensure the keg is depressurised and the mains water ball lock disconnect is disconnected from the soda carbonator lid. Then remove the soda carbonator lid from the keg.

Step 2. Partially disassemble the soda carbonator and ensure all o-rings and seals shown in the below diagram are present and in good condition.

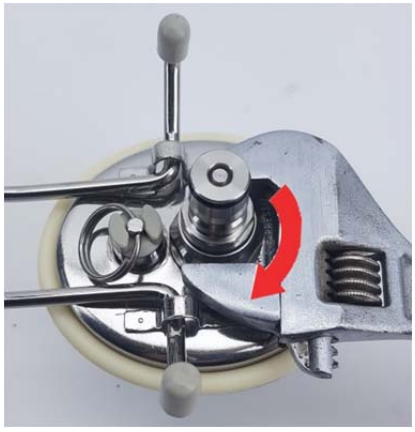
Step 3. Hand-tighten clockwise the hex nut located above the float mechanism. If this is not tightened prior to reassembly of the soda carbonator it will result in the soda carbonator leaking due to the top o-ring not being compressed adequately.

Step 4. Insert the first o-ring into the groove on the hex nut. All models sold after February 1st 2020 have a slimmer nut without a seated o-ring. If you have a model after this date ignore this step.

Step 5. Push the thread through the lid and insert the second o-ring on the thread above the lid making sure the o-ring is touching the lid.

Step 6. Insert the 5/8” washer into the ball lock post and then hand tighten the ball lock post onto the thread, then tighten this a further ¼ turn with the correct sized spanner. Ensure that the spray jet is in the correct orientation as shown in the diagram below. The spray jet should be directly opposite the pressure relief valve.

Ensure the spray jet is opposite the PRV



Step 7. While holding the ball lock post with a vice or the correct sized spanner tighten the nut on the underside of the lid such that it is flush with the lid. Ensure that the spray jet remains in the same position as above.

Step 8. Perform both methods of leak tests to ensure the leak is fixed.