

# PRESSURIZED BEER TRANSFER – BEST PRACTICES

Transferring your beer with CO2 is fast and efficient, but proper setup and operation is critical for successful transfers and for safety.

## Pressurizing the System

The Chronicals Series fermenters are designed with spring clamps and/or relief valves to prevent excessive pressure buildup. In general, the spring clamps or relief valve will start to vent at around 3-4 psi. The clamping system is designed to accommodate up to 5 psi without causing damage to the fermenter. ***If you pressure the fermenter Beyond 5 psi, you will damage the unit and possibly create an unsafe situation.***

***Having an accurate reading of the pushing pressure is critical to performing safe transfers that protect both you and your fermenter.***

***If you don't have a Low Pressure gauge (15 psi max for dial type) on your regulator, you'll need to install one*** and follow the recommended setup shown in this Best Practices guide. Dial gauges with high psi readings are not suitable.

***IMPORTANT: You can NOT accurately determine the pushing pressure with a gauge that has a 60 psi maximum reading!***

## Setting the Pressure

To properly set the CO2 pressure you need to have the system ***DISCONNECTED*** from the Chronical fermenter.

***CRITICAL:*** With the ***CO2 line disconnected from the Chronical***, allow some CO2 to flow from the outlet. Then plug the CO2 outlet with your finger. ***With the outlet plugged, carefully adjust the regulator as close to 2 psi as possible.*** Release some CO2, then replug it again. Do this several times to confirm the pressure gauge returns to 2 psi.

***Once you have the regulator set, don't change it!***

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***Once you have the regulator set, don't change it!***

If everything is working correctly, the pressure gauge will show ~0 psi during the transfer. Please note this is normal for the gauge to show ~0 psi. If the gauge were to reach 2 psi, it means you are creating “back pressure” which is not normal, and you should check the system for kinked or plugged hoses.

## The Receiving Keg

Your receiving keg should be purged with CO2 prior to pushing the beer over. **During the Transfer, the receiving keg must be OPEN to the atmosphere.** Otherwise your transfer may stall. Ideally, you are pushing beer through a tube placed through the opening which reaches all the way to the bottom of the keg.

## KNOWING YOUR PRESSURE – BEST PRACTICES & EQUIPMENT

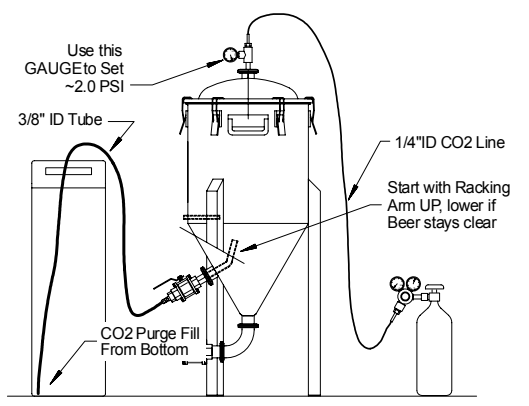
Outlined below is the setup we recommend to keg your beer.

### Pressurizing Equipment

There are two choices to get your equipment ready to transfer beer.

- **Install a 0-15 psi gauge on your current regulator**
- **Use a 0-15psi or Digital gauge on your Chronical inlet.**

Below is a diagram on the connection and the parts you will need.



- 
- 1-1/2" Tri-Clamp x 1/4" Male NPT  
Search Brewer's Hardware: TC15M14  
[www.brewershardware.com](http://www.brewershardware.com)
  - Digital Pressure Gauge  
Search Cole Parmer: UX-68950-35  
[www.coleparmer.com](http://www.coleparmer.com)
  - 15PSI Pressure Gauge  
Search Amazon: Interstate G2012-015  
[www.amazon.com](http://www.amazon.com)
  - 1/4" NPT TEE – Brass  
Search Amazon: Anderson 56101  
[www.amazon.com](http://www.amazon.com)
  - 1/4" NPT x 1/4" Hose Barb – Brass  
Search Amazon: Anderson 57001  
[www.amazon.com](http://www.amazon.com)



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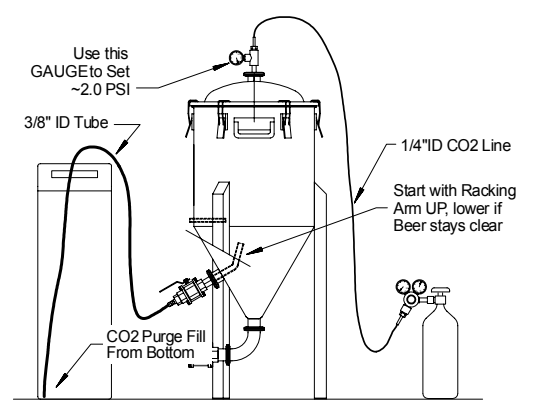
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[www.amazon.com](http://www.amazon.com)
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