

# REFRIGERATOR TO STOUT BEER KEGERATOR CONVERSION INSTRUCTIONS

For converting a standard refrigerator  
to a draft stout beer system

Your kit should include the following items:

- 1 ea: Nitrogen Pressure Regulator
- 1 ea: Stout Beer Faucet and Knob
- 1 ea: Beer Shank Assembly, W/Nut and Collar
- 1 ea: PVC Shank Spacer
- 1 ea: 3/16" Beer Line Assembly, W/Nut and Washer
- 1 ea: 5/16" Gas Line Assembly, W/Clamps
- 1 ea: Spanner Wrench

Additional tools required (not included)

- Tape Measure
- Power Drill
- 1/4" Drill Bit
- 1-1/8" Hole Saw
- Hacksaw
- Crescent Wrench
- Pliers

## STEP 1:

Locate and mark on your refrigerator door where you would like the beer faucet to be. You may want to use masking tape to cover this area of the door to prevent scratching. Drill a 1/4" pilot hole through the door. Keep the drill as straight and parallel to the floor as possible. Next, cut a 1-1/8" hole through the door using the hole saw and the pilot hole as your guide. You may need to cut from both sides of the door.

## STEP 2

Place the PVC spacer into the hole you just created. With the spacer flush to the outside of the door, mark the length of the spacer to the inside of the door. Remove the spacer and cut with the hacksaw. You will want to cut the spacer about 1/8" shorter than the line you just marked. Place the spacer back into the hole.

## STEP 3

Remove the nut from the beer shank assembly. Place the shank assembly into the hole and spacer in the door, making sure the collar is outside of the door. Attach the nut to the shank assembly inside of the door and tighten with a wrench. (See FIGURE 1)

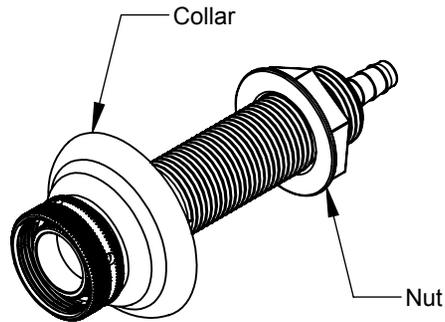


FIGURE 1

## STEP 4

Attach the beer line to the shank. The beer line has a nipple and wing nut attached to one end. To attach the beer line to the shank, soak the line in HOT water for a minute to soften the line. The line should then easily slip onto the barb of the shank assembly. No clamp is required for this connection. **DO NOT CUT THE BEER LINE!** The beer line is designed to be the ideal length for your system. Any change in the length of the beer line can change the way in which your system performs, including fast and foamy beer.

## STEP 5

Attach the gas line to the Nitrogen regulator. Again, soak the line in HOT water to soften. Slip the line onto the barbed outlet of the Nitrogen regulator. Using a pliers, squeeze the plastic clamp to tighten. (SEE FIGURE 2)

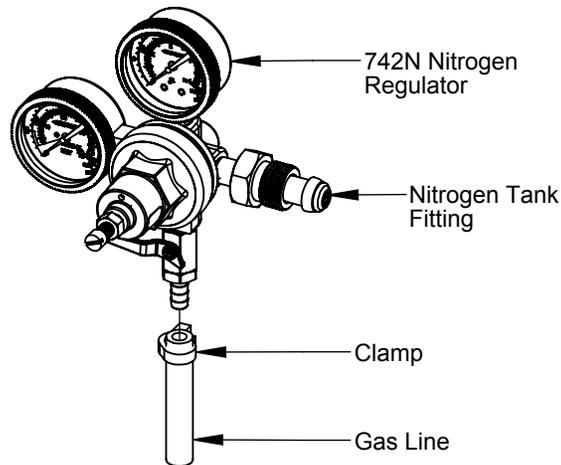


FIGURE 2

## STEP 6

Attach the beer and gas lines to the keg coupler (not included). Make sure that the beer washer (beer line) and check valve (gas line) are in place to prevent any leaks. (SEE FIGURE 3)

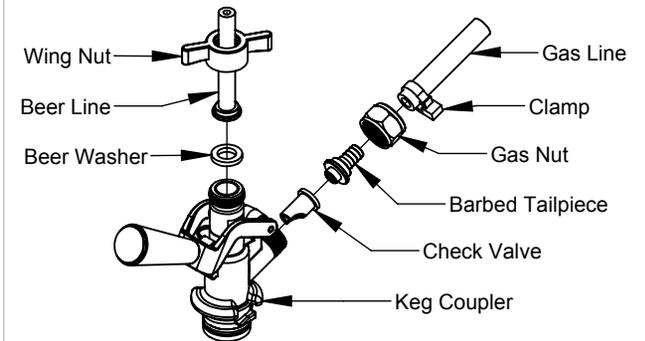


FIGURE 3

## STEP 7

Attach the faucet to the shank. Use the spanner wrench to tighten. (SEE FIGURE 4)

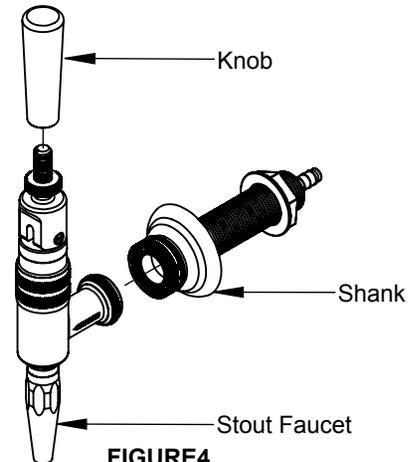


FIGURE 4

## NOTES:

Different styles of beer can use different keg heads, keg couplers, and gasses. The most common for American beers is the "Sankey D" style keg head and coupler which typically uses CO2 gas. The most common for stout beers is the "U" style keg head and coupler which typically requires a Nitrogen/CO2 gas blend or "beer gas". Contact your retailer or the brewery to find the recommend coupler and gas for your beer. For tips and tricks on how to get the most out of your draft beer system, visit [www.draughtquality.org](http://www.draughtquality.org)