Figure 1 – Leland CO2 FridgeTap shown installed in standard front door application. 11-2009

INSTRUCTIONS

MODEL 50550
LELAND CO2 FridgeTap® Conversion Kit
US Sankey Model

Items in **Bold** are shown on last page diagram. Short video is available at www.MrFizz.com

WARNING: This device uses a high pressure CO_2 filled cylinder labeled for a CO_2PicnicTap. Do not use any other style cylinder. Care must always be taken when using high pressure equipment. Keep from children under 18. Never point cylinder towards someone's face. Stow cool. Do not heat over 140F as a rupture may occur! Discontinue use of this equipment if leakage or visible damage is evident. Never disassemble or modify. Do not allow water to enter the regulator. Allow to completely dry if water enters regulator unit. Unscrewing cylinder before it is empty can result in a loss of high pressure gas. The amount of gas in the cylinder is premeasured, once cylinder has been punctured; do not remove it from the regulator unless it is empty as liquid CO_2 can spray onto unprotected skin causing freezing burns. Exterior of cylinder may become frozen-this is normal, but do not touch it with bare hands, your fingers could stick to the frozen surface and cause frostbite. Only use this device upright as the liquid CO_2 in the cylinder may cause a regulator malfunction.

HEALTH SAFETY WARNING: Leland CO_2 TapGas brand CO_2 cylinders have been cleaned and prepared for food and beverage use. The cylinders are filled with CO_2 prepared for beverage use. Do not use gas cylinders labeled for or prepared for any other use such as paintball. Paintball CO_2 is cheaper for a reason; it has not been processed for human consumption. All Leland CO_2 TapGas brand CO_2 cylinders have a patented safety cap which prevents violent ruptures. If you have any questions, please contact us 1.800.984.9793.

TOOLS YOU NEED:

- Electric Drill
- Phillips bit or Phillips screwdriver
- Wrench – adjustable up to ¾"
- 7/64" drill bit for drip tray and regulator mounting screws
- Tape measure
- Safety glasses
- Painters tape
- Pencil

Note: Leland has used the finest components to prepare this kit for easy installation. However, we do not assume any liability for damages which may occur as a result of attempting this installation.

We rate the level of difficulty for this installation to be  **out of 5 hammers. Your experience may vary.**

INSTALLATION

1. Look inside your refrigerator door to help you determine the best placement of the faucet. Here are some guidance tips:
    A. There should be enough room in between the door shelves.
    B. The surface has to be flat so the **nut on the shank** will sit flat against the inside of the door.
    C. You also want to ensure that the **handle on the faucet** will sit low enough so you can open the freezer door. Keep in mind that you may opt for a slightly longer faucet handle in the future. (Clearance Check!)
    D. If your refrigerator door has a water/ice dispenser built in then you must take extra care to locate any electrical or plumbing lines hidden in the door.
    E. **WARNING:** Disconnect the appliance from the electrical source before drilling or removal of the inside panel.
2.) Mark a spot on the inside of the door where you are going to drill a pilot hole. Allow for a 1.0" diameter hole and the **shank nut** when you select the location.
    A. Remove the drill bit from the center of the **hole saw**.
    B. Drill a pilot hole. The pilot hole must be through all layers of the door.
    C. **Caution**: Do not use excessive force to push the drill bit, as you may crack the inside of the door or cause damage.
3.) Using the provided **1.0" hole saw**, reinstall the pilot drill bit and line up the pilot hole on the front of the refrigerator door and drill the hole.
    A. You may need to make several passes and clean out the **hole saw** bit.
    B. In some rare cases, you may have to use the **hole saw** from both sides of the door. Be sure to use the pilot hole on the inside of the door when doing this.
4.) The **threaded faucet shank** must be installed from the front of the door.
    A. Unscrew the **shank nut** from the **threaded faucet shank.**
    B. Insert the **threaded faucet shank** into the hole you made in the door. Hint: The **black plastic guard** lays flat against the front of the door, it goes in between the **faucet ring** and the door face.
    C. The **threaded faucet shank** must be protruding out of the back side of the door.
    D. Attach the **shank nut** back onto the **threaded faucet shank** and tighten up against the inside of the door. You may want to tighten the **shank nut** with a wrench. Caution: Over tightening may crack the inside of the door panel and/or cause the front of the door panel to be distorted.

5.) Install the **stainless steel drip tray** to the front of the door using 2 of the **stainless steel screws** provided.

A. Make sure to measure straight and line it up so that the center of the **stainless steel drip tray** lines up to the center of the **faucet spout**.
B. We suggest leaving 6-7 inches between the **stainless steel drip tray** and the tip of the **faucet spout**.
C. Caution: The **stainless steel drip tray** is not a mug holder and using it as such may result in losing your favorite beer stein.

6.) Attach the **clear beer line** to the **threaded faucet shank** on the inside of the door.
A. This is the **clear beer line,** which is already attached to the **coupler**.
B. Insert a **black rubber washer** into the **nut** attached to the **clear beer line** hose.
C. Make sure the **faucet handle** is in the off position and screw the **nut** onto the **threaded faucet shank** on the inside of the door.
D. You should tighten the **nut** with a wrench, just hand tight. Hint: hold the **faucet** while you tighten so that everything stays straight and doesn't spin.

7.) The **regulator** comes with a bracket attached to it. You must decide if you will mount the **regulator** to the inside wall of the refrigerator using the supplied **stainless steel screws** or simply hang the regulator from the top rim of the keg.
A. We recommend hanging the **regulator** from the top rim of the keg.
B. **Warning**: The **regulator** must be used upright, never lying down. The CO_2 TapGas® cylinders have liquid CO_2 in them. If the liquid CO_2 is allowed to enter into the **regulator**, the **regulator** will malfunction as it may not properly regulate the gas pressure and it may not properly shut off the gas supply.

8.) Turn the **regulator knob** counter clockwise to the off position.
A. The word 'off' must be aligned with the arrow mark on top of the **regulator** gauge.
B. Important: The **regulator knob** turns the CO_2 gas **on** and **off.** The pressure of the gas increases the more you turn the **regulator knob** clockwise.

9.) Ensure that the **lockdown handle** is unlocked and in the up position.
A. The **lockdown handle** is moved by pulling out then either up or down.
B. Attach the **coupler** to the **keg** by twisting it on. Usually this requires a firm motion by grasping the **coupler** and **lockdown handle**.

10.) Secure the **tap** to the **keg** by pulling out on the **lockdown handle** and pushing down, then release.
A. The **latch** should clearly be below the **retainer**.
B. Make sure the **coupler** is properly and completely engaged.
C. **WARNING!** Failure to properly secure the **tap** to the **keg** may result in a sudden release of pressure energy. Do not attempt to use an improperly secured device or personal injury may result to you or persons nearby.

D. Pull on the **pressure relief valve ring** for a couple seconds. If the **keg** was shaken in transit or warmed, it may contain excessive pressure, which must be relieved before trying to pour. A hissing noise is expected.

11.) Remove the **blue plug** from the **regulator inlet** and retain it for cleaning later.
   A. Turn in a new Leland CO_2 TapGas® cylinder clockwise firmly.
   B. This action punctures the cylinder and exposes the regulator to the high pressure CO_2 gas. (Do not stop turning if you hear a slight gas leak, rather, finish turning it all the way to engage the internal seal properly)

12.) Put a glass or pitcher under the **faucet spout** and pull the **faucet handle** forward.
   A. Beverage may begin to flow as foam for just a moment. Make sure the **regulator knob** remains **off**.
   B. Usually the beverage **keg** has some initial pressure, enough to start a pour, albeit foam. Soon, the beverage will slow and then stop flowing.

13.) With the **faucet handle** pulled forward (on), slowly turn the **regulator knob** on, clockwise, until the beverage starts to flow again.
   A. Hint: Do not continue to add gas pressure.
   B. Stop turning the **regulator knob** when the beer begins to pour.
   C. It doesn't take much gas pressure to "push" the beverage out of the **keg**.
   D. Adding too much pressure will 'foam' the beverage and add too much carbonation to it.
   E. A warm keg will pour foam!
   F. Foam will pour if the **clear beer line** is sucking in air.
   G. Give the keg a few hours to settle down and get cold if it just made a trip from the store.

14.) When the beverage flow slows or stops, try turning the **regulator knob** clockwise, a little at a time, slowly increasing the pressure while trying to pour.
   A. If beverage does not flow, then the **cylinder** needs to be replaced or you may have run out of beer.
   B. **CAUTION!** Removing a punctured **cylinder** from the **regulator** should be done slowly. Listen for gas escaping. This is expected when the seal is being broken.
   C. When gas hissing noise is audible, pressure remains. It is normal to expel *some* gas when removing the cylinder

15.) Turn the **regulator knob** off and install a new **cylinder** in the **regulator** by following the steps above.

16.) When its time to change the keg, simply turn the regulator knob counter clockwise to the off position. This turns off the gas supply and you can now safely unlatch the coupler and remove it from the keg.

17.) Having Problems?
- Look at the video on the web: www.MrFizz.com.

- Call us. Call **908-668-1744** and leave your name and call back number at the sound of the tone…then touch #-9-1-1 and then hang up. That sends a notification to a technicians mobile phone. It can take as long as 10 minutes for the notification to reach us. Please be patient as the person receiving the notification may be unavailable at that moment for a personal reason. We will make every attempt to get back with you quickly.

Warranty Registration is rewarding:

- Coupons for parts, accessories and CO2 cylinders
- Protects your investment
- Product updates
- Recall notification
- Protecting your rights to have a keg

How to register:

- Call 800-984-9793 right now and tell us your complete contact information which must include a valid email address.

- Online at www.MrFizz.com