

Lakota Under Counter Installation Instructions

1. Install Faucet

- Drill a 7/16" hole (1/2" will work) in the sink rim or counter top
- Tighten the nut from underneath while someone holds the faucet in the desired position.
- Screw faucet connection fitting onto threaded end.
- Push 1/4" tubing into faucet connection fitting to stop. Push another 1/4" into fitting to secure it.

2. Take-off Fitting

Screw take-off fitting onto the top of the existing shutoff valve. Screw the flexible line (part of existing plumbing) that goes up to the cold water side of the kitchen sink back onto the takeoff fitting. Push tubing firmly into the quick connect (QC) fitting. Be sure this is the cold water line.

3. Inline Filter

Snap the inline filter into the clips with the flow arrow pointed toward the left. Notice the ridge on the inlet side of the inline filter. Connect the ball valve into the inlet side of the inline filter. Connect the tubing from the cold water supply into the ball valve. Remember to always push tubing into the QC fitting to a "stop". Then push another 1/4" into the fitting to secure it. Connect the 8" piece of tubing from the outlet of the inline to the inlet side of the main unit (housing #1). Connect tubing from the outlet of the unit (housing #2) to the faucet.

4. Quick Connect Fittings

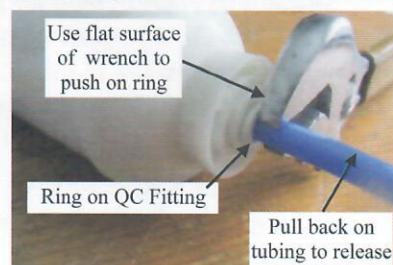
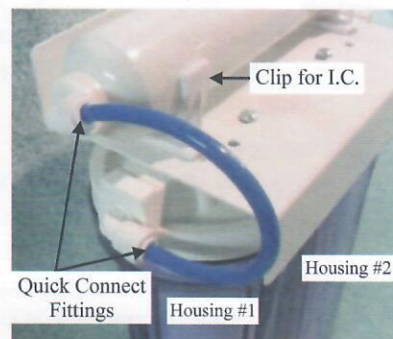
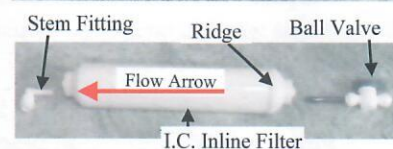
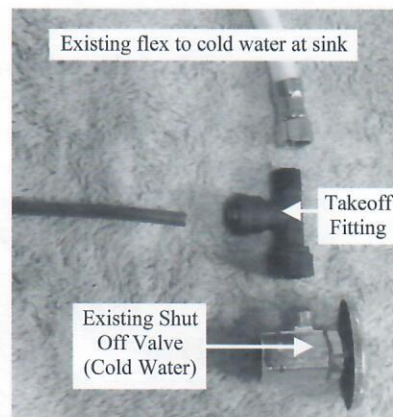
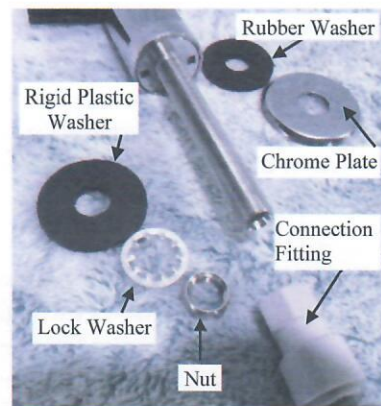
To disconnect the tubing from the fitting you must push back on the little white plastic ring toward the fitting body while at the same time pulling on the tubing. You may have to work the tubing back and forth while pushing on the ring. To push on the ring use two finger tips, this works for most people. It may be easier to use a small wrench or a 1/4" open ended wrench as a surface to push on the ring. In any case you will be pushing back on the ring while tugging in the opposite direction to release the tubing.

5. Hang Filter

Keep the full 5' length of tubing so filter can be removed easily for maintenance, be sure the tubing does not get crimped. Never "hard plumb" the unit in place, always have a flexible connection to the unit.

6. Starting Up

Open the chrome shut off valve (part of existing plumbing) on the cold water line. Open the ball valve to the unit, push handle up on faucet and watch carefully for any leaking. Adjust the ball valve for desired flow rate, keeping flow between 1/2 and 3/4 GPM. Time flow and collect water in a measuring cup. Ounces divided by seconds, times .47 will give you gallons per minute (GPM). For example if you collect 96 ounces of water in 60 seconds you have .75 GPM. (96 divided by 60 times .47 = .75) Run water through unit for 5 minutes before use.



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