Parts & Tools

Included:

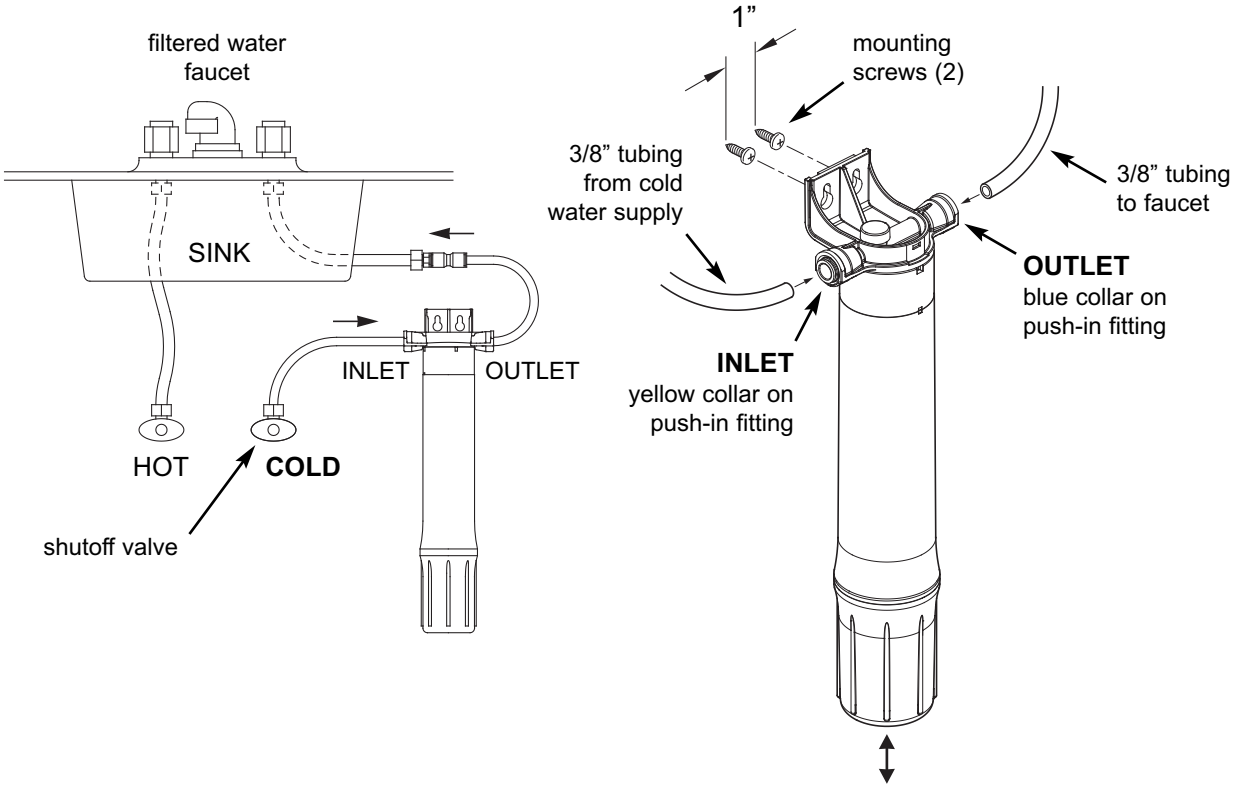
- Filter head, bracket & mounting screws
- Filter cartridge
- Tubing
- Faucet adaptor

Not Included:

- Slotted and Phillips screwdrivers
- Pliers and adjustable jaw wrench
- Tubing cutter
- Electric drill
- Teflon tape

Typical Undersink Installation

Locate the water filter housing on the cold water supply pipe, under the kitchen and/or bathroom sink, to filter the cold water. Refer to the following drawing.



NOTE: Be sure to allow a minimum space of 1-1/2” under the system for removing the filter cartridge to change it.

FIG. 2

Installation Instructions

Step A - Install Water Supply Fittings

Check and **comply with local plumbing codes** as you plan, then install the fittings to connect the undersink filter into the sink's cold water supply line. Fittings (9/16-24 thread) and 3/8" O.D. tubing are included to provide connections to and from the undersink filter's inlet and outlet. A typical connection using the included water supply fittings is shown in Figure 3.

1. **Close the sink's water shut off valve**(s), or another shut off valve upstream from where you will install the filter, **and open faucets** to relieve pressure from the sink's cold water supply line.

2. Locate the line connecting the cold water shutoff to the sink faucet. Typically this line will be a flexible hose. Disconnect the nut that connects this line to the cold water shutoff. Use a bucket to catch water that drains from this line.

3. Locate one piece of the supplied 3/8" tubing, plus the supplied compression nut, ferrule and tubing insert (See Fig. 3). Assemble the parts onto the tube, as shown in Figure 3, and thread the compression nut onto the cold water shutoff. Tighten to provide a leak-tight connection.

4. Locate the water supply adaptor (supplied) and, using thread sealing tape, install it into the nut on the supply line which you disconnected in Step 2. Refer to Figure 3.

5. Press the stem of the water supply adaptor into one end of the supplied union connector (See Figure 3). Be sure to push the stem all the way in.

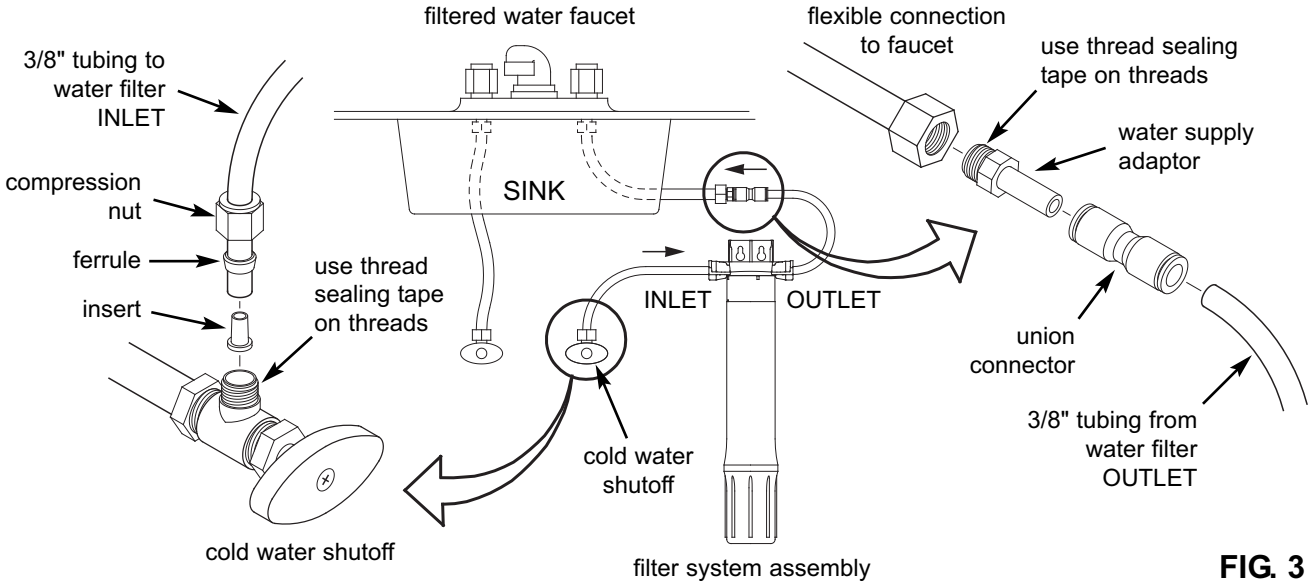


FIG. 3

Step B - Make Tubing Connections

NOTE: Remove protective foam plugs before connecting tubes (See Fig. 4). Discard foam plugs.

1. Locate the piece of supplied 3/8" tubing not used previously. Route it between the union connector and the filter system outlet (See Figures 2 & 3). Allowing some slack, measure and cut to length. Cut the ends of the tubing square.

2. Insert tubing all the way into the union connector and filter system outlet. Pull on the tubing to be sure that it's held firmly in the fittings.

3. Repeat steps 1 and 2 to connect the tube installed on the cold water shutoff to the filter system inlet.

Tubing Connection (all push-in fitting locations):

This system includes push-in fittings for quick tubing connections. When working with the fittings, do the following.

continued on the next page

continued from the previous page

Connect Tubing:

1. Use a tube cutter to cut the end of tubing square.

2. Inspect the end (about 1") of the tubing to be sure there are no nicks, scratches or other rough spots. If needed cut the tubing again.

3. Push tubing through the collet and all the way into fitting. Full engagement is 3/4" length of tube into the fitting.

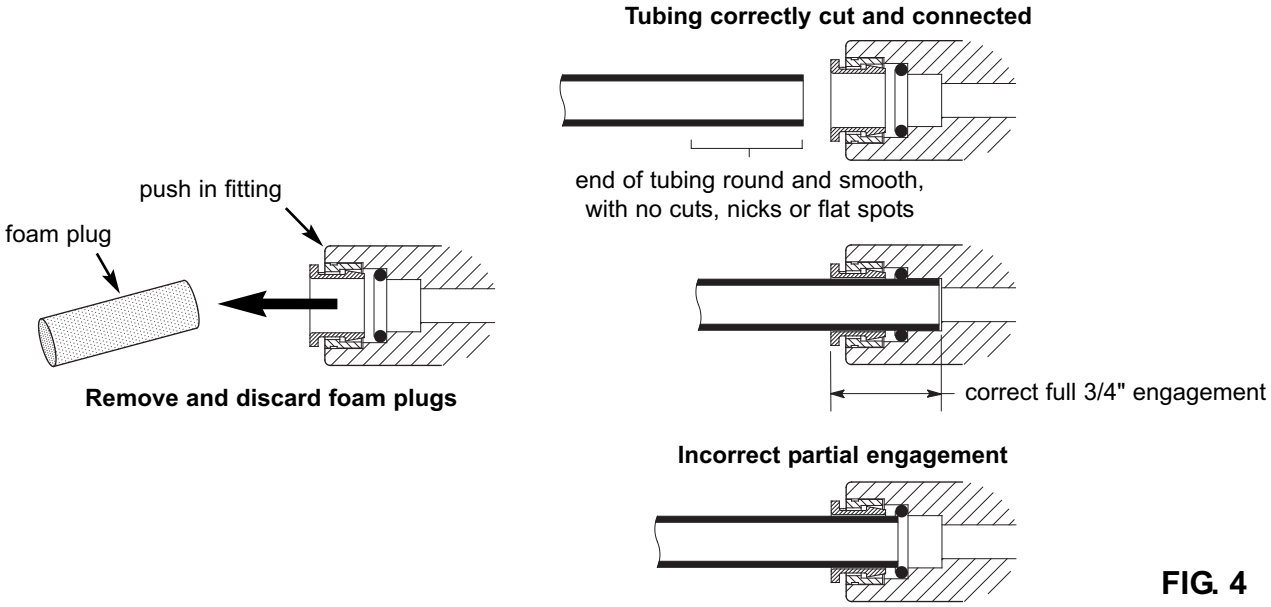


FIG. 4

To Disconnect Tubing:

1. Push the collet inward and hold with a finger while pulling the tubing out.

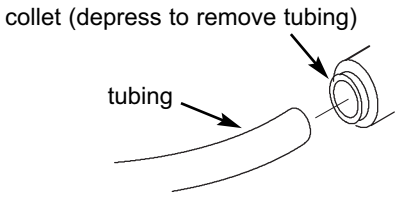


FIG. 5

Step C - Install the Filter Cartridge

1. Remove the small plastic shipping cap from the open end of the filter cartridge.

2. Install the cartridge onto the water filter head assembly, as shown in Figure 6. Turn cartridge to the right to tighten.

Step D - Turn On Water, Check for Leaks and Rinse Carbon Fines

1. Open the shutoff valve(s) that you closed at the beginning of this installation.

2. Open the filtered water faucet to purge air from the system. When the water runs smooth, with no bubbles or spurting, close faucet and check installation for leaks.

3. Open the filtered water faucet and let water run for 10 minutes to rinse out carbon fines.