K4-1224 Removal And Installation

Tools Needed:

- **3/32” Allen Wrench**
  - For handles that are held on with a Hex screw
  - Used to remove cartridge nut

- **Large Pliers or Channel Locks**
  - Used to remove Phillips screw

- **Phillips Screwdriver**
  - For handles that have a removable cap

- **Flathead Screwdriver**

- **Small Brush**
  - Used to clean the inside of the valve body

Removal Of The 1224 Cartridge

Always turn your water supplies off before disassembling your faucet. With the supplies turned off, move your faucet’s handle to the “on” position to relieve pressure.

1. Identify and remove your handle:

   - Cap Style-Lever
   - Cap Style-Knob
   - Hex Screw-Lever
   - Hub Unthreads off-Lever
Pry cap up and remove.

Unthread Phillips screw and remove.

Remove the handle.

Insert a 3/32" Allen wrench into the hole to loosen the set screw (the screw does not need to be completely removed).

Remove the handle.

While holding the lever, unscrew the base of the handle hub counterclockwise to remove the complete handle.

2. Remove cartridge nut:

Using large pliers or Channel Locks, unscrew the cartridge nut counter-clockwise to remove. Pay special attention not to damage the valve body.

3. Remove the cartridge:

Using pliers or a channel lock, grab the white stem of the cartridge sticking up from the faucet to lift the cartridge out.
4. Valve Cleaning and Flushing:

Before installing the new cartridge, the valve body will need to be cleaned and flushed out. This step may require two people, one to monitor the flow of water coming through the valve body from on top of the sink and one to control the water with the shutoff's.

The following step will cause water to flow through the disassembled valve body to the surrounding area.

- Place a bowl upside down on the open valve body to redirect any water splash into the sink.
- Under the sink, slowly and carefully (only turn the water on slightly) turn the hot water shutoff on and back off to allow a slight flow of water to go through the system. Repeat the same process for the cold water. This will clear the water lines to prepare for when the new parts are installed.
- Remove any excess water from the bottom of the valve body. If the water is not eliminated, the cartridge will not fit all the way back in.

5. Installation of new cartridge:

Look into the brass chamber on the valve to find a notch in the brass. Then, find the white, plastic tab on the side of the cartridge. Insert the cartridge so the tab is fully seated in the notch in the valve. Tighten cartridge nut back down on the threaded valve body clockwise.
6. Re-assemble the handle:

Re-assemble your faucet handle. See Step 1