

Project Source 51-K814-PS-CP

Project Source Chrome 1-Handle Pull-Down Kitchen Faucet User Manual

Model: 51-K814-PS-CP

Brand: Project Source

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Project Source Chrome 1-Handle Pull-Down Kitchen Faucet, model 51-K814-PS-CP. Please read this manual thoroughly before beginning installation and retain it for future reference.

SAFETY INFORMATION

- Always turn off the main water supply before installing or servicing the faucet.
- Wear safety glasses and gloves during installation to prevent injury.
- Ensure all connections are secure to prevent leaks.
- If you are unsure about any part of the installation process, consult a qualified plumber.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:



Figure 1: All components of the Project Source pull-down kitchen faucet, including the main faucet body, hot and cold water supply lines, mounting hardware, deck plate, and instruction manual.

- Main Faucet Body with Pull-Down Sprayer
- Hot and Cold Water Supply Lines (pre-attached)
- Mounting Hardware (nut, washer, gasket)
- Deck Plate (optional, for 3-hole sinks)
- Weight (for pull-down hose)
- Instruction Manual

SETUP AND INSTALLATION

Tools Required:

- Adjustable Wrench
- Phillips Head Screwdriver
- Plumber's Putty or Silicone Sealant
- Bucket (for catching drips)
- Flashlight

Installation Steps:

1. **Prepare the Sink:** Turn off the hot and cold water supply valves under the sink. Open the existing faucet to drain any remaining water. Disconnect and remove the old faucet. Clean the sink surface thoroughly.

2. **Install Deck Plate (Optional):** If your sink has three holes, place the deck plate (if using) over the sink holes. Apply a thin bead of plumber's putty or silicone sealant around the underside edge of the deck plate to create a watertight seal.
3. **Mount the Faucet:** Insert the faucet body through the center hole of the sink (and deck plate, if used). From underneath the sink, slide the rubber washer, then the metal washer, and finally thread the mounting nut onto the faucet shank. Hand-tighten, then use an adjustable wrench to secure it firmly, ensuring the faucet is properly aligned.
4. **Connect Water Supply Lines:** Connect the hot and cold water supply lines from the faucet to the corresponding hot and cold water supply valves. The faucet's lines are typically labeled (e.g., "HOT" for hot water). Hand-tighten, then use an adjustable wrench for a final quarter-turn. Do not overtighten.
5. **Install Hose Weight:** Locate the indicator on the pull-down hose (usually a sticker or mark) where the weight should be installed. Attach the provided weight to the pull-down hose at this indicated position. This weight helps the sprayer retract smoothly.
6. **Check for Leaks:** Slowly turn on the hot and cold water supply valves. Check all connections for leaks. If leaks are present, tighten the connections slightly until the leak stops.
7. **Flush the Faucet:** Remove the sprayer head and turn on the faucet to flush out any debris from the lines. Let the water run for a few minutes. Turn off the faucet, reattach the sprayer head, and check for proper operation.

OPERATING INSTRUCTIONS

- **Water Flow and Temperature:** The single handle controls both water flow and temperature. Lift the handle to increase water flow. Move the handle to the left for hot water and to the right for cold water.
- **Pull-Down Sprayer:** Grasp the sprayer head and pull it down from the spout. The hose will extend to allow for greater reach. Press the button on the sprayer head to switch between stream and spray functions. When finished, guide the sprayer head back into the spout; the hose weight will assist in retraction.

MAINTENANCE

- **Cleaning:** Clean the faucet regularly with a soft cloth and mild soap. Avoid abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the chrome finish.
- **Aerator Cleaning:** If water flow decreases, the aerator may be clogged. Unscrew the aerator from the tip of the sprayer head, clean any debris, and rinse thoroughly before reattaching.
- **Hose Weight Adjustment:** If the pull-down sprayer does not retract smoothly, check the position of the hose weight. Adjust its position along the hose as needed to ensure proper retraction.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Low Water Flow	Clogged aerator; partially closed supply valves.	Clean aerator; fully open supply valves.
Leaks at Connections	Loose connections; damaged washers.	Tighten connections; replace washers if damaged.
Sprayer Does Not Retract	Hose weight is misplaced or missing; obstruction.	Adjust or reattach hose weight; clear any obstructions.

Problem	Possible Cause	Solution
Dripping Faucet	Worn cartridge.	Contact customer support for cartridge replacement.

SPECIFICATIONS





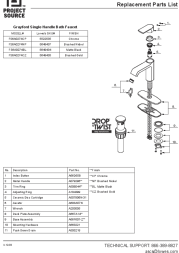

Feature	Detail
Model Number	51-K814-PS-CP
Brand	Project Source
Colour	Chrome
Style	Contemporary
Finish	Polished
Material	Ceramic (for cartridge)
Installation Method	Single Hole
Flow Rate	1.8 Gallons Per Minute
Number of Handles	1
Mounting Type	Deck Mount
Special Features	Pull Down Sprayer
Product Dimensions	27.43 x 8.64 x 64.52 cm
Item Weight	2.34 kg

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official Project Source website. Keep your purchase receipt as proof of purchase for warranty claims.



Related Documents - 51-K814-PS-CP

	<p>Project Source Pull-Down Kitchen Faucet Installation and Operation Manual</p> <p>This manual provides detailed instructions for installing, operating, and troubleshooting the Project Source Pull-Down Kitchen Faucet (Models 51-K814-PS series). It includes package contents, product specifications, safety warnings, and warranty information.</p>
	<p>Project Source Tucker Pull-Down Kitchen Faucet Installation Manual</p> <p>Comprehensive installation guide for the Project Source Tucker Pull-Down Kitchen Faucet, including safety information, parts list, step-by-step instructions, troubleshooting, and warranty details.</p>
	<p>Project Source Everfield 2-Handle Kitchen Faucet Installation Guide</p> <p>Detailed installation, operation, troubleshooting, and warranty information for the Project Source Everfield 2-Handle Kitchen Faucet (Models 21-K822-PS-PSD, 21-K822-PS-SSD, 21-K822-PS-ORBD).</p>
	<p>Project Source Commercial Style Kitchen Faucet Installation Manual H90K-51D-PS Series</p> <p>Installation, operation, and troubleshooting guide for the Project Source Commercial Style Kitchen Faucet (Model Series H90K-51D-PS). Features include package contents, safety precautions, product specifications, step-by-step installation instructions, usage guidance, problem-solving tips, replacement parts list, and warranty information.</p>
	<p>Grayford Single Handle Bath Faucet Replacement Parts List</p> <p>Detailed replacement parts list for the Project Source Grayford Single Handle Bath Faucet, including model numbers, descriptions, part numbers, and finishes. Features Drop & Twist Easy Install Drain technology.</p>
	<p>Project Source Pull-Down Kitchen Faucet Installation and User Guide</p> <p>Official installation and user guide for the Project Source Pull-Down Kitchen Faucet (Models FP4AF260CP, FP4AF260NP, FP4AF260BL). Includes package contents, safety warnings, step-by-step assembly, operation, maintenance, troubleshooting, warranty information, and replacement parts list.</p>