

## DELTA RP60400

# Delta Faucet RP60400 Valve Instruction Manual

## INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of the Delta Faucet RP60400 Valve. Please read these instructions carefully before proceeding with any procedures to ensure proper function and safety.

**Important Safety Information:** Always turn off the main water supply to the faucet before attempting any installation or maintenance. Wear appropriate personal protective equipment, such as safety glasses, when working with plumbing components.

## PRODUCT OVERVIEW

The Delta Faucet RP60400 Valve is a replacement component designed for specific Delta two-handle bath faucets and beverage faucets. It is engineered to meet original specifications, ensuring quality performance and compatibility.

### Key Features:

- Designed exclusively for Delta faucets.
- Compatible with Delta 2-handle bath DIAMOND Seal Technology faucets and beverage faucets (models 1920\*, 1930\*, 1940\*, and 1960\*).
- Rigorously tested for quality performance.
- Made to original specifications.



Image 1: Front view of the Delta Faucet RP60400 Valve, showing its primary components.



Image 2: Top view of the Delta Faucet RP60400 Valve, illustrating the internal mechanism.

## SETUP AND INSTALLATION

This section outlines the general steps for replacing an existing valve with the Delta Faucet RP60400. Specific faucet models may have minor variations.

1. **Prepare for Installation:** Locate the water shut-off valves underneath your sink and turn them off completely. Test the faucet to ensure water flow has stopped.
2. **Access the Valve:** Depending on your faucet model, you may need to remove the handle(s) and any decorative escutcheons to expose the valve assembly. Refer to your faucet's specific instructions for this step.
3. **Remove Old Valve:** Carefully remove the old valve from its housing. This may require a wrench or pliers. Note the orientation of the old valve as you remove it, especially any arrows or alignment tabs.
4. **Install New Valve:** Insert the new Delta Faucet RP60400 Valve into the faucet body. Ensure that the arrow on the lower (black) body of the valve points towards the inside of the faucet. The tabs on the valve body should align with the notches in the brass body underneath.
5. **Secure the Valve:** Snugly tighten the retaining nut that holds the valve in place. Do not overtighten.
6. **Reassemble Faucet:** Reattach any handles and decorative components that were removed.
7. **Restore Water Supply:** Slowly turn the water shut-off valves back on. Check for any leaks around the newly installed valve and faucet connections.

8. **Test Faucet:** Operate the faucet handles to ensure proper hot and cold water flow and temperature control.

## OPERATING INSTRUCTIONS

The RP60400 valve is an internal component that controls water flow and temperature within your two-handle Delta faucet. Once installed, its operation is integrated with the faucet handles. Turning the handles will rotate the valve internally to allow water to pass through and mix to your desired temperature.

## MAINTENANCE

Proper maintenance of your faucet and its components can extend their lifespan and ensure optimal performance.

- **Regular Cleaning:** Clean the exterior of your faucet regularly with a mild soap and water solution. Avoid abrasive cleaners or harsh chemicals that can damage the finish.
- **Leak Detection:** Periodically check for any drips or leaks from the faucet spout or around the handles. Early detection can prevent further damage.
- **Component Inspection:** If a leak develops, the issue may not always be the valve itself. Other components such as gaskets and springs (e.g., Delta RP4993) may also require inspection and replacement. Consult your faucet's specific parts diagram or contact Delta support for guidance on identifying the correct replacement parts.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your faucet after valve replacement.

- **Faucet Still Leaks or Drips:**
  - Ensure the valve is fully seated and the retaining nut is snug.
  - Verify that the correct RP60400 valve was installed for your specific Delta faucet model. Delta frequently updates internal parts while maintaining exterior designs, making correct part identification crucial.
  - Inspect other internal components like springs and gaskets for wear or damage.
- **No Water Flow or Reduced Flow:**
  - Check that the main water supply valves are fully open.
  - Ensure the valve is correctly oriented and seated.
- **Incorrect Hot/Cold Water Mix:**
  - Verify that the hot and cold water lines are connected correctly to the faucet.
  - Confirm the valve is installed with the correct orientation (arrow pointing inward).

If troubleshooting steps do not resolve the issue, it is recommended to contact Delta Faucet customer service for further assistance.

## SPECIFICATIONS

Attribute	Detail
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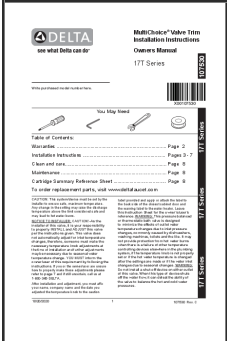
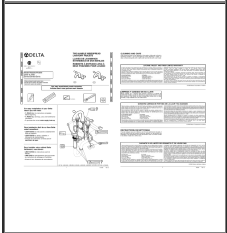
Brand	DELTA
Model Number	RP60400
Material	Plastic
Item Dimensions (L x W x H)	4 x 3.5 x 3.5 inches
Item Weight	8 ounces
Inlet Connection Type	Compression
Outlet Connection Type	NPT
Number of Ports	1
UPC	034449633390

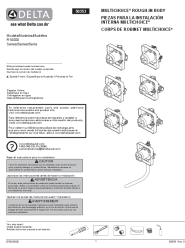
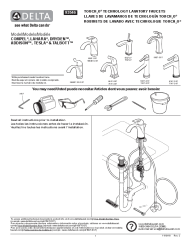

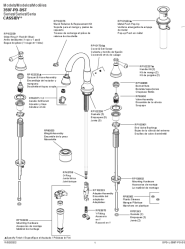
## WARRANTY AND SUPPORT

**Warranty Description:** The Delta Faucet RP60400 Valve is covered by a Lifetime Faucet and Finish Lifetime Limited Warranty. Please refer to the official Delta Faucet warranty documentation for full terms and conditions.

**Customer Support:** For technical assistance, warranty claims, or to locate authorized service providers, please visit the official Delta Faucet website or contact their customer service department directly. You can find more information at [www.deltafaucet.com](http://www.deltafaucet.com).

## Related Documents - RP60400

	<p><a href="#">Delta MultiChoice Valve Trim Installation Instructions and Owner's Manual (17T Series)</a></p> <p>Comprehensive installation guide and owner's manual for the Delta MultiChoice Valve Trim, 17T Series (Model 107530). Provides step-by-step instructions for installation, adjustment, cleaning, maintenance, and warranty information.</p>
	<p><a href="#">Delta Faucet Installation and Maintenance Guide: Two Handle Widespread Lavatory Faucets (Models 3560 &amp; 3565)</a></p> <p>A comprehensive guide for installing and maintaining Delta's Two Handle Widespread Lavatory Faucets, models 3560 and 3565. This document provides detailed instructions for installation, cleaning, warranty information, and maintenance, with textual descriptions replacing diagrams.</p>

	<p><a href="#">Delta R10000 MultiChoice Rough-In Body Installation and Warranty Guide</a></p> <p>Detailed installation instructions, safety warnings, cleaning advice, and limited warranty information for the Delta R10000 MultiChoice rough-in body, a critical component for shower and tub installations.</p>
	<p><a href="#">Delta Touch2O Technology Lavatory Faucets - Installation, Warranty, and Maintenance Guide</a></p> <p>Comprehensive guide for Delta Touch2O Technology Lavatory Faucets, including installation, cleaning, care, limited warranty, maintenance, and troubleshooting. Covers models like COMPEL, LAHARA, DRYDEN, ADDISON, TESLA, and TALBOTT with Touch2O technology.</p>
	<p><a href="#">Delta Faucet Cartridge Reference Guide</a></p> <p>A comprehensive reference guide detailing various Delta, Brizo, and Peerless faucet cartridges, including their part numbers, compatibility, and usage notes. This guide assists in identifying the correct cartridge for single and two-handle faucet systems.</p>
	<p><a href="#">Delta Cassidy 3597-PD-DST Faucet Parts Diagram and List</a></p> <p>Detailed parts list and diagram for the Delta Cassidy 3597-PD-DST two-handle widespread bathroom faucet, including part numbers and multilingual descriptions.</p>