

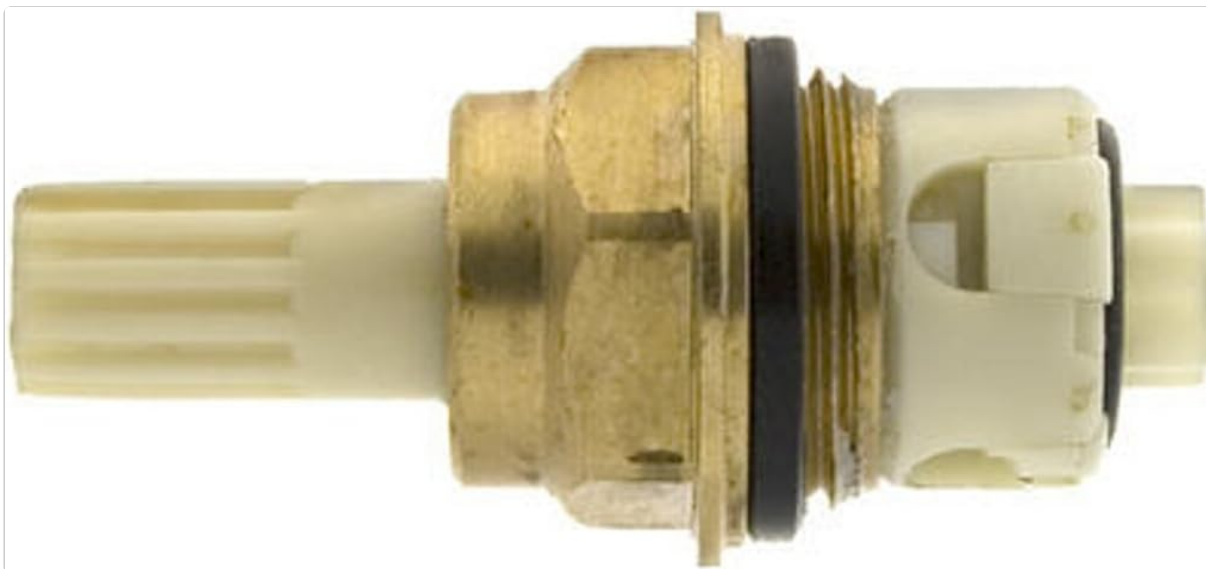
## Danco 18865B

# Danco 18865B Faucet Stem Installation and Maintenance Manual

For Price Pfister Ceramic Disc Faucets

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Danco 18865B Faucet Stem. This product is designed as a replacement part for specific Price Pfister ceramic disc faucets. Please read these instructions carefully before proceeding with installation or use to ensure proper function and longevity of the product.



**Figure 1:** The Danco 18865B Faucet Stem. This image shows the complete stem assembly, featuring a brass body, white plastic components, and black O-rings, designed for ceramic disc faucets.

## INSTALLATION INSTRUCTIONS

Before beginning, ensure you have the necessary tools: adjustable wrench, screwdriver, and plumber's grease (optional). Turn off the water supply to the faucet before starting any work.

1. **Turn Off Water Supply:** Locate the shut-off valves under the sink and turn them clockwise until the

water flow stops completely. Turn on the faucet to drain any remaining water.

2. **Remove Faucet Handle:** Depending on your faucet model, you may need to pry off a decorative cap to access the handle screw. Use a screwdriver to remove the screw and lift off the handle.
3. **Remove Trim and Retaining Nut:** Remove any decorative trim or escutcheon. Use an adjustable wrench to carefully loosen and remove the large retaining nut that holds the old stem in place.
4. **Extract Old Stem:** Carefully pull out the old faucet stem. Note its orientation for reference.
5. **Inspect and Clean:** Inspect the faucet body for any debris or mineral buildup. Clean the area thoroughly.
6. **Install New Danco 18865B Stem:** Insert the new Danco 18865B stem into the faucet body, ensuring it seats correctly. The stem is designed for Price Pfister ceramic disc faucets.
7. **Secure New Stem:** Reinstall the retaining nut and tighten it with the adjustable wrench. Do not overtighten.
8. **Reassemble Faucet:** Replace any decorative trim and then reattach the faucet handle, securing it with the screw.
9. **Restore Water Supply:** Slowly turn the water supply valves counter-clockwise to restore water flow. Check for leaks around the faucet base and handle.
10. **Test Faucet:** Operate the faucet handle to ensure smooth movement and proper water flow.



**Figure 2:** A detailed view of the Danco 18865B Faucet Stem, highlighting the splined shaft for handle attachment and the ceramic disc mechanism at the base. This perspective helps in understanding the component's structure during installation.

## OPERATING INSTRUCTIONS

The Danco 18865B faucet stem functions as the internal mechanism for controlling water flow and temperature in compatible Price Pfister ceramic disc faucets. Once installed, operate your faucet as usual:

- **Water Flow Control:** Rotate the faucet handle to open or close the water flow. The ceramic disc design provides a smooth quarter-turn operation for full on/off control.
- **Temperature Control:** For faucets with two handles (hot and cold), each stem controls its respective water line. Adjust the hot and cold handles to achieve the desired water temperature.

## MAINTENANCE

Regular maintenance can extend the life of your faucet stem and prevent common issues.

- **Leak Prevention:** If you notice minor drips, ensure the retaining nut is snug (do not overtighten). Over

time, O-rings can wear out. If leaks persist, the O-rings on the stem may need replacement.

- **Mineral Buildup:** In areas with hard water, mineral deposits can accumulate around the stem, affecting operation. Periodically disassemble the faucet and clean the stem and faucet body with a mild descaling solution.
- **Lubrication:** Applying a small amount of plumber's silicone grease to the O-rings during installation or maintenance can help ensure smooth operation and prevent premature wear.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Faucet drips or leaks from spout.	Worn O-rings or ceramic disc. Loose retaining nut.	Ensure retaining nut is tight. Replace the stem if O-rings or ceramic disc are damaged.
Water leaks from base of handle.	Loose retaining nut. Damaged O-ring on stem.	Tighten retaining nut. Inspect and replace the stem if O-rings are compromised.
Handle is stiff or difficult to turn.	Mineral buildup. Lack of lubrication.	Disassemble and clean the stem and faucet body. Apply plumber's silicone grease to O-rings.
Reduced water flow.	Debris in water lines or faucet aerator.	Check and clean the faucet aerator. Ensure water supply valves are fully open.

## SPECIFICATIONS

- **Model Number:** 18865B
- **Brand:** Danco
- **Compatibility:** Price Pfister Ceramic Disc Faucets
- **Material:** Brass, Plastic
- **Color:** White (plastic components)
- **Dimensions (L x W x H):** Approximately 4 x 2 x 1 inches
- **Item Weight:** Approximately 0.64 ounces (0.04 pounds)
- **Connector Type:** Coupling
- **Thread Type:** UNF
- **Number of Pieces:** 1
- **Country of Origin:** China

## WARRANTY INFORMATION

The Danco 18865B Faucet Stem comes with a manufacturer's warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the packaging or contact Danco customer support directly. Keep your proof of purchase for warranty claims.

## CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact Danco customer service:

- **Website:** [www.danco.com](http://www.danco.com)

- **Phone:** Refer to the Danco website or product packaging for current contact numbers.

When contacting support, please have your product model number (18865B) and purchase information ready.