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> [GROHE 46963000 Faucet Cartridge Instruction Manual](#)

## GROHE 46963000

# GROHE 46963000 Faucet Cartridge Instruction Manual

Model: 46963000

## INTRODUCTION

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This manual provides essential information for the proper installation, operation, and maintenance of your GROHE 46963000 Faucet Cartridge. Please read these instructions carefully before proceeding with installation or any maintenance procedures. Retain this manual for future reference.

## SAFETY INFORMATION

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- Always turn off the main water supply to the faucet before beginning any installation or repair work.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.
- If you are unsure about any step, consult a qualified plumber.
- Ensure all connections are secure to prevent leaks.

## SETUP AND INSTALLATION

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The GROHE 46963000 cartridge is designed as a replacement part for compatible GROHE faucets. Proper installation is crucial for optimal performance and to prevent leaks.

### Tools Required (Typical)

- Adjustable wrench or basin wrench
- Screwdriver (Phillips or flathead, depending on faucet model)
- Pliers
- Clean cloth
- Flashlight (optional)

### Installation Steps

1. **Turn off Water Supply:** Locate the shut-off valves for your faucet (usually under the sink) and turn them clockwise until the water flow stops completely. Turn on the faucet to drain any remaining water and confirm the supply is off.
2. **Remove Faucet Handle:** Depending on your faucet model, you may need to pry off a decorative cap to access a screw. Use a screwdriver to remove the screw and then pull the handle straight up to remove it.
3. **Remove Trim and Retaining Nut:** Carefully remove any decorative trim or escutcheon plates. You will then see a large

retaining nut or collar that holds the cartridge in place. Use an adjustable wrench or basin wrench to loosen and remove this nut.

4. **Remove Old Cartridge:** Gently pull the old cartridge straight out of the faucet body. Note its orientation for reference. If it is stuck, a pair of pliers might be needed, but avoid excessive force to prevent damage to the faucet body.
5. **Clean Faucet Body:** Inspect the faucet body for any debris or mineral deposits. Clean the area thoroughly with a cloth to ensure a proper seal for the new cartridge.
6. **Install New Cartridge:** Insert the new GROHE 46963000 cartridge into the faucet body, ensuring it is correctly oriented. The cartridge typically has alignment tabs or notches that must match the faucet body.
7. **Secure Cartridge:** Hand-tighten the retaining nut or collar back into place, then use your wrench to tighten it securely. Do not overtighten, as this can damage the cartridge or faucet body.
8. **Reassemble Faucet:** Reattach any decorative trim, escutcheon plates, and the faucet handle. Secure the handle screw.
9. **Restore Water Supply:** Slowly turn the main water supply valves back on. Check for any leaks around the faucet base and connections.
10. **Test Faucet:** Turn on the faucet to test water flow and temperature control. Flush the lines for a minute to clear any air or debris.



**Image:** The GROHE 46963000 Faucet Cartridge. This image displays the complete cartridge unit, which is a critical component for controlling water flow and temperature in compatible GROHE faucets.

## OPERATING THE FAUCET

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After successful installation of the GROHE 46963000 cartridge, your faucet should operate smoothly. The cartridge controls the mixing of hot and cold water and regulates the flow rate.

- **Water Flow:** Lift the faucet handle to increase water flow.
- **Temperature Control:** Move the handle left for hot water and right for cold water.
- **Shut-off:** Push the handle down to turn off the water flow completely.

Ensure that the handle moves freely and provides precise control over water temperature and volume.

## MAINTENANCE

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Regular maintenance helps prolong the life of your faucet and cartridge.

- **Cleaning:** Clean the exterior of your faucet regularly with a soft cloth and mild soap. Avoid abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the finish and internal components.
- **Aerator Cleaning:** Periodically unscrew and clean the faucet aerator to remove mineral buildup and maintain optimal water flow.
- **Leak Checks:** Regularly inspect the faucet and connections for any signs of leaks. Address minor leaks promptly to prevent further damage.
- **Water Quality:** In areas with hard water, mineral deposits can affect cartridge performance over time. Consider water softening solutions if this is a persistent issue.

## TROUBLESHOOTING

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If you experience issues with your faucet after cartridge installation, refer to the common problems and solutions below.

Problem	Possible Cause	Solution
Faucet leaks from handle or spout	Improperly seated cartridge, damaged O-rings, loose retaining nut.	Ensure cartridge is fully seated and retaining nut is tight. Inspect O-rings for damage and replace if necessary.
Reduced water flow	Clogged aerator, debris in water lines, partially closed shut-off valves.	Clean or replace aerator. Flush water lines. Ensure shut-off valves are fully open.
Difficulty controlling water temperature	Cartridge not installed correctly, internal cartridge issue.	Verify cartridge orientation during installation. If problem persists, the cartridge may be faulty and require replacement.
Squeaking or stiff handle operation	Lack of lubrication, mineral buildup.	Disassemble and clean the cartridge area. Apply a small amount of plumber's silicone grease to O-rings if accessible.

## SPECIFICATIONS

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Key technical specifications for the GROHE 46963000 Faucet Cartridge:

- **Model Number:** 46963000
- **Brand:** GROHE
- **Material:** Brass
- **Product Dimensions (L x W x H):** 5.51 x 3.54 x 1.77 inches (140mm x 90mm x 45mm)
- **Item Weight:** 2.46 ounces
- **Exterior Finish:** Chrome (for compatible faucet components)
- **Inlet Connection Type:** Thread
- **Outlet Connection Type:** NPT
- **Specification Met:** IAPMO, NSF, UL
- **Global Trade Identification Number (GTIN):** 04005176407864

## WARRANTY INFORMATION

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For detailed warranty information regarding your GROHE 46963000 Faucet Cartridge, please refer to the official GROHE website or contact GROHE customer service directly. Warranty terms and conditions may vary by region and product.

## CUSTOMER SUPPORT

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If you require further assistance, have questions not covered in this manual, or need to report a product issue, please contact GROHE customer support. Contact details can typically be found on the official GROHE website or on the product packaging.

**Online Resources:** Visit the official GROHE website for product registration, FAQs, and additional support documents.

