

[Manuals.plus](#) /

› [GROHE](#) /

› GROHE G46315000 Universal Quick Coupling Instruction Manual

GROHE 46315000

GROHE G46315000 Universal Quick Coupling Instruction Manual

Model: 46315000

INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of your GROHE G46315000 Universal Quick Coupling. Please read this manual thoroughly before proceeding with installation or use to ensure optimal performance and longevity of the product.

PRODUCT OVERVIEW

The GROHE G46315000 is a universal quick coupling designed for use with various GROHE faucet systems, particularly those featuring pull-out spray hoses. It facilitates a secure and efficient connection within the water delivery system, ensuring reliable performance. This component is often used as a replacement part to restore proper function or address issues like reduced water flow or leaks in existing installations.



Figure 1: The GROHE G46315000 Universal Quick Coupling. This image displays the complete assembly of the quick coupling, featuring its green and black plastic components with the GROHE logo visible on the green section. A red band with a hand symbol and a crossed-out symbol indicates handling instructions or warnings.

SETUP AND INSTALLATION

The GROHE G46315000 Universal Quick Coupling is designed for straightforward installation, typically requiring no specialized tools. It serves as a direct replacement for existing quick couplings in compatible GROHE faucet models.

1. **Preparation:** Before beginning, ensure the water supply to the faucet is turned off. Relieve any residual water pressure by opening the faucet.
2. **Removal of Old Coupling:** Disconnect the existing quick coupling from the faucet's pull-out hose and the water supply line. Note the orientation of the old coupling for correct installation of the new one.
3. **Connecting the New Coupling:**
 - Attach one end of the new GROHE G46315000 quick coupling to the pull-out spray hose.
 - Connect the other end of the quick coupling to the corresponding fitting on the water supply line.

Important: When tightening the coupling, apply hand pressure only. Over-tightening, especially with tools, can damage the plastic threads and lead to leaks or premature failure.

4. **Testing:** Once installed, slowly turn the water supply back on. Check all connections for leaks. Operate the faucet and pull-out spray to ensure proper function and water flow.

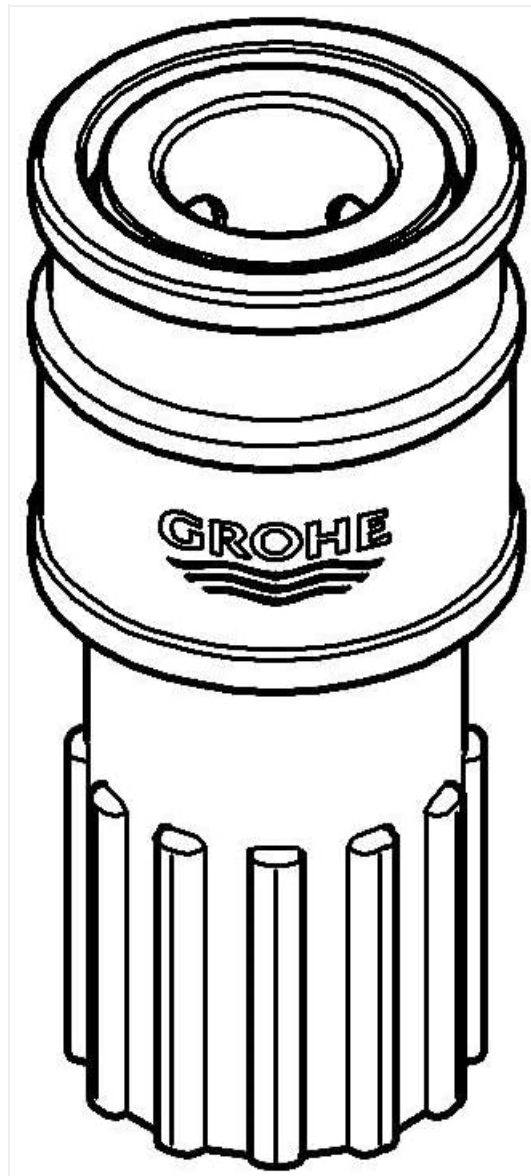


Figure 2: A simplified line drawing of the GROHE Quick Coupling. This image provides a schematic representation of the coupling's form, highlighting its connection points and overall design, which can be helpful during installation.

OPERATION

Once correctly installed, the GROHE G46315000 Universal Quick Coupling operates automatically as part of your faucet system. It maintains a sealed connection for water flow to the pull-out spray hose. The quick-connect mechanism allows for easy attachment and detachment of the hose from the main water line, facilitating maintenance or replacement when necessary.

MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your quick coupling.

- **Periodic Inspection:** Periodically inspect the coupling for any visible signs of wear, cracks, or damage, especially around the threaded connections.
- **Check for Leaks:** Regularly check for any signs of water leakage around the coupling. Even minor drips can indicate a developing issue.
- **Flow Rate Monitoring:** If you notice a decrease in water flow from your pull-out spray, the coupling might be partially obstructed or damaged.
- **Cleaning:** If mineral deposits or debris accumulate, disconnect the coupling (after turning off the water supply) and gently clean it with a soft brush and mild soap solution. Rinse thoroughly before reinstallation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Low Water Flow	<ul style="list-style-type: none">• Internal obstruction (debris, mineral buildup)• Damaged internal components	<ul style="list-style-type: none">• Turn off water, disconnect, and inspect for debris. Clean if necessary.• If damaged, replace the coupling.
Water Leakage	<ul style="list-style-type: none">• Improperly tightened connection• Damaged O-rings or seals• Cracked plastic housing	<ul style="list-style-type: none">• Ensure connections are hand-tightened securely.• Inspect O-rings/seals for wear; replace if necessary.• If housing is cracked, replace the coupling.
Difficulty Connecting/Disconnecting	<ul style="list-style-type: none">• Debris in the quick-connect mechanism• Misalignment• Damaged quick-connect components	<ul style="list-style-type: none">• Inspect and clean the quick-connect mechanism.• Ensure proper alignment during connection.• If components are damaged, replace the coupling.

SPECIFICATIONS

- **Brand:** GROHE
- **Model Number:** 46315000
- **Product Dimensions:** 5 x 3.54 x 1.57 inches
- **Item Weight:** 0.32 ounces (approx. 9.07 g)
- **Connector Type:** Coupling
- **Thread Type:** NPT

- **Material:** Plastic
- **Usage:** Inside

WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the documentation provided with your original GROHE faucet or visit the official GROHE website. For technical support or further assistance, please contact GROHE customer service. You can find more information and contact details on the [GROHE Store on Amazon](#).

