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- › [Ideal Standard](#) /
- › [Ideal Standard A963785NU Mixer Tap Replacement Cartridge User Manual](#)

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Ideal Standard A963785NU Mixer Tap Replacement Cartridge User Manual

Model: A963785NU

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Ideal Standard A963785NU Replacement Cartridge for Mixer Tap. This cartridge is designed to replace the original component in compatible Ideal Standard mixer taps, specifically noted for use in model B1986AA, restoring proper function and preventing leaks. Please read these instructions carefully before proceeding with installation.



Image 1.1: The Ideal Standard A963785NU replacement cartridge. This image shows the metallic cartridge component, which is crucial for controlling water flow and temperature in a mixer tap.

2. SAFETY INFORMATION

Always observe the following safety precautions during installation and maintenance:

- **Turn off water supply:** Before beginning any work on your faucet, ensure the main water supply to the tap is completely shut off. Failure to do so can result in water damage.
- **Depressurize lines:** After turning off the water supply, open the tap to release any remaining water pressure in the lines.
- **Wear appropriate personal protective equipment (PPE):** Gloves and eye protection are recommended to prevent injury from tools or water.
- **Use correct tools:** Ensure you have the appropriate tools for the job to avoid damaging the cartridge or faucet components.
- **Consult a professional:** If you are unsure about any step of the installation process, consult a qualified plumber.
- **Handle with care:** The cartridge contains delicate ceramic discs. Avoid dropping or applying excessive force.

3. PACKAGE CONTENTS

The Ideal Standard A963785NU replacement cartridge package typically includes:

- 1 x Ideal Standard A963785NU Click Cartridge (with water control functionality)

Please verify that all components are present and undamaged upon opening the package.

4. SETUP & INSTALLATION

This section outlines the general steps for replacing a mixer tap cartridge. Specific faucet designs may vary, so refer to your faucet's original manual if available.

1. **Prepare the work area:** Clear the area around the faucet and place a towel or cloth in the sink to catch any drips or small parts.
2. **Shut off water supply:** Locate the hot and cold water shut-off valves under the sink and turn them clockwise until fully closed. Open the faucet handle to drain any remaining water and relieve pressure.
3. **Remove the faucet handle:**
 - Typically, there is a small decorative cap (often red/blue for hot/cold indicators) that can be pried off with a small flathead screwdriver.
 - Beneath the cap, you will find a screw (usually Phillips or Allen/hex key). Unscrew this to loosen the handle.
 - Carefully pull the handle straight up and off the faucet body.
4. **Access the cartridge:**
 - You may need to remove a decorative collar or dome-shaped cover. This might be threaded or held in place by a set screw.
 - Below this, you will usually find a retaining nut or ring that holds the cartridge in place. Use an adjustable wrench or pliers to carefully unscrew this nut counter-clockwise.
5. **Remove the old cartridge:**
 - Gently pull the old cartridge straight up and out of the faucet body. It may require a slight twisting motion.
 - Note the orientation of the old cartridge before removal, as the new one must be installed in the same way.
 - Inspect the faucet body for any debris or mineral deposits and clean if necessary.

6. Install the new cartridge:

- Ensure the rubber O-rings on the new A963785NU cartridge are properly seated.
- Align the new cartridge with the slots or pins in the faucet body. It should slide in smoothly without excessive force. Ensure it is fully seated and correctly oriented.

7. Reassemble the faucet:

- Replace the retaining nut or ring and tighten it securely, but do not overtighten.
- Reattach any decorative collars or covers.
- Place the faucet handle back onto the stem, ensuring it is correctly aligned for proper operation (e.g., off position is truly off).
- Secure the handle with its screw and replace the decorative cap.

8. Restore water supply and test:

- Slowly turn the hot and cold water supply valves back on (counter-clockwise).
- Check for any leaks around the faucet base and connections.
- Open the faucet handle to test water flow and temperature control. Allow water to run for a minute to flush out any air.

5. OPERATING INSTRUCTIONS

Once the Ideal Standard A963785NU replacement cartridge is correctly installed, your mixer tap will operate as follows:

- **Water Flow Control:** Moving the faucet handle up and down controls the volume of water.
- **Temperature Control:** Moving the faucet handle left and right controls the water temperature, typically hot to the left and cold to the right.
- **"Click" Functionality:** This cartridge features a "Click" function, which provides a tactile and audible stop at a specific flow rate, often a water-saving position, before allowing full flow. This helps in conserving water during normal use.

Ensure smooth and consistent operation. If you experience stiffness or erratic water flow, refer to the troubleshooting section.

6. MAINTENANCE

Proper maintenance can extend the life of your cartridge and faucet:

- **Regular Cleaning:** Clean the exterior of your faucet regularly with a soft cloth and mild soap. Avoid abrasive cleaners or harsh chemicals, as these can damage the finish and potentially affect internal components.
- **Check for Leaks:** Periodically inspect the faucet for any signs of leaks around the handle or spout. Early detection can prevent minor issues from becoming major problems.
- **Water Quality:** In areas with hard water, mineral deposits can accumulate over time and affect cartridge performance. While the cartridge is designed to remove impurities, extreme conditions may necessitate more frequent checks or water treatment.
- **Avoid Overtightening:** When reassembling, ensure components are snug but do not overtighten, as this can stress the cartridge and seals.

7. TROUBLESHOOTING

If you encounter issues after installing the A963785NU cartridge, consider the following:

Problem	Possible Cause	Solution
Faucet still leaks after cartridge replacement.	<ul style="list-style-type: none">Cartridge not seated correctly.Retaining nut not tightened sufficiently.Damaged O-rings on the new cartridge.Damage to the faucet body where the cartridge sits.	<ul style="list-style-type: none">Recheck cartridge seating and orientation.Ensure retaining nut is snug.Inspect O-rings for damage; replace if necessary.If faucet body is damaged, the entire faucet may need replacement.
Poor water flow or pressure.	<ul style="list-style-type: none">Aerator clogged.Water supply valves not fully open.Debris in water lines or faucet body.	<ul style="list-style-type: none">Clean or replace the faucet aerator.Ensure hot and cold water supply valves are fully open.Flush water lines before installing the cartridge.
Difficulty controlling temperature.	<ul style="list-style-type: none">Cartridge installed incorrectly (e.g., rotated).Hot or cold water supply partially blocked.	<ul style="list-style-type: none">Recheck cartridge orientation during installation.Inspect water supply lines for kinks or blockages.
Stiff or hard-to-move handle.	<ul style="list-style-type: none">Overtightened retaining nut.Mineral buildup around the cartridge.	<ul style="list-style-type: none">Loosen the retaining nut slightly.Remove and clean the cartridge and faucet body.

8. SPECIFICATIONS

Key specifications for the Ideal Standard A963785NU Replacement Cartridge:

Feature	Detail
Model Number	A963785NU
Brand	Ideal Standard
Material	Metall (Metal)
Product Dimensions	1.57"D x 1.57"W x 3.94"H (4cm D x 4cm W x 10cm H approx.)
Item Weight	76 Grams (approx. 2.68 ounces)
External Testing Certification	CE
Product Benefits	Removes Impurities, Water Control
EU Spare Part Availability Duration	10 Years
Included Components	Click cartridge with water control

9. WARRANTY & SUPPORT

For specific warranty information regarding your Ideal Standard A963785NU Replacement Cartridge, please refer to the documentation provided with your original Ideal Standard faucet or contact Ideal Standard customer support directly. The EU Spare Part Availability Duration is 10 years, indicating long-term support for this component.

You can typically find contact information for Ideal Standard on their official website or through your product retailer. When contacting support, please have your product model number (A963785NU) and purchase details readily available.

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