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› Roca AV0022500R WC Mechanism Replacement Kit - Installation and User Manual

Roca AV0022500R

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Model: AV0022500R

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Roca AV0022500R WC Mechanism Replacement Kit. Please read this manual thoroughly before beginning installation or use to ensure proper function and safety. Keep this manual for future reference.

2. SAFETY INFORMATION

Always observe the following safety precautions:

- Ensure the water supply to the toilet cistern is turned off before starting any work.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
- If you are unsure about any step, consult a qualified plumber.
- Keep small parts away from children to prevent choking hazards.
- Do not use excessive force when tightening components to avoid damage.

3. PACKAGE CONTENTS

Verify that all components are present in the package before proceeding with installation.



Figure 1: Contents of the Roca AV0022500R WC Mechanism Replacement Kit. This image displays the main components including the fill valve, flush mechanism, and associated seals and fasteners.

- Roca AV0022500R Fill Valve
- Roca Flush Mechanism
- Mounting Nuts and Washers
- Sealing Gaskets
- Instruction Manual (this document)

4. SETUP AND INSTALLATION

Follow these steps for proper installation of the replacement mechanism:

1. **Prepare the Cistern:** Turn off the water supply to the toilet. Flush the toilet to empty the cistern. Use a sponge to remove any remaining water.
2. **Remove Old Mechanism:** Disconnect the water supply hose from the old fill valve. Unscrew the retaining nut from the bottom of the old fill valve and flush mechanism. Carefully remove both old components from the cistern.
3. **Install New Flush Mechanism:** Place the new flush mechanism into the large opening at the bottom of the cistern. Ensure the sealing gasket is correctly positioned. Secure it from underneath with the provided retaining nut,

tightening by hand first, then gently with a wrench until snug. Do not overtighten.

- 4. **Install New Fill Valve:** Insert the new fill valve into the smaller opening in the cistern. Position the sealing washer correctly. Secure it from underneath with its retaining nut, tightening similarly to the flush mechanism.
- 5. **Connect Water Supply:** Reconnect the water supply hose to the new fill valve. Ensure a tight, leak-free connection.
- 6. **Adjust Water Level:** Turn on the water supply slowly. Allow the cistern to fill. Adjust the float on the fill valve to set the desired water level, typically 1-2 cm below the overflow pipe.
- 7. **Test Flush:** Perform several test flushes to check for leaks and proper operation of both the fill valve and flush mechanism.

5. OPERATING INSTRUCTIONS

The Roca AV0022500R mechanism operates like a standard WC flushing system.

- **Flushing:** Press or push the flush button/lever to activate the flush mechanism. Water will be released from the cistern into the toilet bowl.
- **Refilling:** After flushing, the fill valve will automatically open to refill the cistern to the pre-set water level. The valve will close once the desired level is reached.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your WC mechanism.

- **Cleaning:** Periodically clean the cistern interior to prevent mineral buildup that can affect the mechanism's performance. Use non-abrasive cleaners.
- **Check for Leaks:** Regularly inspect connections for any signs of water leaks. Tighten connections if necessary, but do not overtighten.
- **Inspect Seals:** Over time, rubber seals can degrade. If you notice constant running water or slow filling, inspect the seals on both the fill valve and flush mechanism for wear and replace if necessary.

7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Water continuously runs into the bowl.	Flush mechanism seal is worn or obstructed.	Clean or replace the flush mechanism seal.
Cistern does not fill or fills slowly.	Water supply is off, fill valve is obstructed, or float is stuck.	Check water supply. Clean fill valve inlet filter. Ensure float moves freely.
Water level is too high or too low.	Fill valve float adjustment is incorrect.	Adjust the float on the fill valve to the desired water level.

If the problem persists after attempting these solutions, please contact customer support or a qualified plumber.

8. SPECIFICATIONS

- **Model:** AV0022500R

- **Manufacturer:** Roca
- **Package Dimensions:** 35.29 x 9.8 x 9.6 cm
- **Package Weight:** 360 grams
- **Quantity:** 1 kit
- **Batteries Required:** No

9. WARRANTY AND SUPPORT

Information regarding spare parts availability is not provided in the product details. For warranty claims or technical support, please contact your retailer or the official Roca customer service. Keep your proof of purchase for warranty purposes.

Roca Customer Service: Please refer to the official Roca website for contact information in your region.

