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Master Plumber 229CT

Master Plumber 229CT Toilet Fill Valve Instruction Manual

Model: 229CT | OEM # A1250

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your Master Plumber 229CT Contrac Foremost OEM Toilet Ballcock/Fill Valve. This valve is designed as a direct replacement for specific toilet models, ensuring proper function and water level control within your toilet tank.

SAFETY INFORMATION

- Always turn off the water supply to the toilet before beginning any installation or maintenance.
- Flush the toilet to empty the tank completely before working on the fill valve.
- Wear appropriate personal protective equipment, such as gloves and eye protection, if necessary.
- Ensure all connections are secure to prevent leaks.
- If you are unsure about any step, consult a qualified plumber.

PACKAGE CONTENTS

Verify that all components are present before starting installation:

- Master Plumber 229CT Ballcock Fill Valve (1 unit)
- Refill Tube (1 unit)
- Mounting Nut (1 unit)
- Washer (1 unit)







Image: Master Plumber 229CT Toilet Fill Valve in its retail packaging, showing the valve and refill tube.

SETUP AND INSTALLATION

This fill valve is a replacement for Cane 4.8L and 6L toilets, and Carson 4.8/3L dual flush toilets. Follow these steps for proper installation:

1. **Turn Off Water Supply:** Locate the shut-off valve on the wall behind or near the toilet and turn it clockwise until the water flow stops completely.
2. **Empty Toilet Tank:** Flush the toilet to drain most of the water from the tank. Use a sponge or towel to remove any remaining water.
3. **Disconnect Old Fill Valve:**
 - Unscrew the water supply line from the bottom of the old fill valve.
 - Unscrew the large mounting nut from the underside of the toilet tank that secures the old fill valve.
 - Remove the old fill valve from the tank.
4. **Prepare New Fill Valve:** Ensure the washer is correctly seated on the threaded shank of the new Master Plumber 229CT fill valve.
5. **Install New Fill Valve:**
 - Insert the new fill valve into the hole at the bottom of the toilet tank, ensuring the float mechanism has clearance from the tank walls and other components.
 - From the underside of the tank, hand-tighten the mounting nut onto the threaded shank of the fill valve. Do not overtighten, as this can crack the tank.
6. **Connect Refill Tube:** Attach one end of the refill tube to the small port on the top of the fill valve. Clip the other end of the refill tube to the overflow pipe in the toilet tank. Ensure the tube is positioned above the water line.
7. **Reconnect Water Supply:** Connect the water supply line to the threaded shank at the bottom of the new fill valve. Hand-tighten, then use a wrench for a final quarter-turn to ensure a snug, leak-free connection. Do not overtighten.
8. **Restore Water Supply:** Slowly turn the water supply valve counter-clockwise to restore water flow to the toilet tank.
9. **Check for Leaks:** Carefully inspect all connections for any signs of water leakage. Tighten connections slightly if leaks are observed.
10. **Adjust Water Level:** The fill valve is designed to automatically fill the tank to the correct level. If adjustment is needed, refer

to the "Operating Instructions" section for details on how to fine-tune the water level.

Master Plumber®

TOILET



**Toilet Levers · Sealing Gaskets
Flappers · Flanges
Flush Valves · Fill Valves**

Image: The Master Plumber 229CT Toilet Fill Valve, showing its main body, float, and refill tube connection point.

OPERATING INSTRUCTIONS

The Master Plumber 229CT fill valve operates automatically to refill your toilet tank after each flush. The float mechanism senses the water level and shuts off the water flow once the desired level is reached.

Adjusting Water Level:

The water level in the toilet tank should typically be about 1 inch below the top of the overflow pipe. To adjust the water level:

1. Locate the adjustment screw or clip on the fill valve's float arm or body.
2. Turn the screw clockwise to raise the water level or counter-clockwise to lower it. For clip-style floats, slide the clip up or down the rod.
3. Flush the toilet to test the new water level. Repeat adjustment if necessary until the desired level is achieved.

MAINTENANCE

Regular maintenance can extend the life of your fill valve and ensure efficient operation.

- **Periodic Cleaning:** Over time, mineral deposits from water can accumulate inside the fill valve, affecting its performance. If you notice slow filling or inconsistent water levels, turn off the water supply, remove the fill valve, and gently clean any visible mineral buildup with a soft brush and vinegar solution. Rinse thoroughly before reinstallation.
- **Inspect Components:** Periodically check the refill tube for kinks or blockages. Ensure the float mechanism moves freely without obstruction.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Toilet tank fills slowly or not at all.	◦ Water supply valve partially closed. ◦ Mineral buildup in fill valve. ◦ Kinked or blocked refill tube.	◦ Fully open the water supply valve. ◦ Clean the fill valve as described in "Maintenance". ◦ Check and clear the refill tube.
Toilet runs continuously or cycles on and off.	◦ Water level set too high. ◦ Float mechanism obstructed. ◦ Fill valve seal worn or dirty.	◦ Adjust water level (see "Operating Instructions"). ◦ Ensure float moves freely. ◦ Clean or replace the fill valve if internal components are faulty.
Water leaks from connections.	◦ Loose connections. ◦ Damaged washer.	◦ Tighten connections (do not overtighten). ◦ Inspect and replace washer if damaged.

SPECIFICATIONS

- **Model:** 229CT
- **OEM Part Number:** A1250
- **Compatibility:** Replacement for Cane 4.8L and 6L toilets, and Carson 4.8/3L dual flush toilets.
- **Material:** Plastic
- **Product Dimensions:** 33 x 9 x 9 cm (13 x 3.5 x 3.5 inches)
- **Item Weight:** 250 g (0.55 lbs)
- **Included Components:** Ballcock Fill Valve, Refill Tube
- **Manufacturer:** Masco Canada
- **Country of Origin:** China

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Master Plumber 229CT Toilet Fill Valve, please contact Master Plumber customer service. Refer to the product packaging or the Master Plumber official website for current contact details.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question