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› [American Standard](#) /

› American Standard 7381002-400.0070A Selectronic Dual Flush Valve User Manual

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American Standard Selectronic Dual Flush Valve

MODEL: 7381002-400.0070A

User Manual

1. Product Overview

The American Standard 7381002-400.0070A Selectronic Dual Flush Valve is a genuine replacement part designed for specific American Standard Flowise 4035 toilets. This valve provides a dual-flush mechanism, allowing for water conservation by offering different flush volumes for liquid and solid waste.



Figure 1: American Standard Selectronic Dual Flush Valve (Grey model)

Key Features:

- Genuine American Standard Spare Part
- 2-inch Dual Flush Valve
- Constructed from durable plastic
- Designed for specific Flowise 4035 toilets

2. What's Included

Upon unpacking, ensure all components are present:

- 1 x Dual Flush Valve assembly
- 1 x Gasket
- 1 x Washer



Figure 2: Main components of the Dual Flush Valve (White model)

3. Safety Information

Before beginning installation or maintenance, please observe the following safety precautions:

- Always turn off the water supply to the toilet before starting any work.
- Flush the toilet to drain the tank.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- If you are unsure about any step, consult a qualified plumber.
- Keep small parts away from children.

4. Installation Instructions

This section outlines the general steps for replacing a dual flush valve. Specific toilet models may vary. Refer to your toilet's original manual for detailed instructions if available.

Tools Required:

- Adjustable wrench or pliers

- Sponge or towel for water cleanup

Installation Steps:

1. **Turn Off Water Supply:** Locate the shut-off valve behind or near the toilet and turn it clockwise until the water flow stops.
2. **Drain the Tank:** Flush the toilet to empty the tank. Hold the flush lever down until most of the water has drained. Use a sponge to remove any remaining water from the tank.
3. **Disconnect Water Supply Line:** Use an adjustable wrench to disconnect the water supply line from the bottom of the toilet tank. Be prepared for a small amount of residual water.
4. **Remove Mounting Nuts:** Underneath the toilet tank, locate the mounting nuts that secure the tank to the bowl. Use a wrench to loosen and remove these nuts.
5. **Separate Tank from Bowl:** Carefully lift the toilet tank off the bowl and place it on a protected surface.
6. **Remove Old Flush Valve:** Unscrew the large retaining nut on the underside of the tank that holds the flush valve in place. Remove the old flush valve assembly from inside the tank.
7. **Install New Flush Valve:** Insert the new American Standard Dual Flush Valve into the tank opening from the inside. Ensure the new gasket is properly seated at the base of the valve.
8. **Secure New Flush Valve:** From the underside of the tank, thread the large retaining nut onto the flush valve and tighten it securely by hand, then a quarter turn with a wrench. Do not overtighten.
9. **Reassemble Tank:** Carefully place the toilet tank back onto the bowl, aligning the bolt holes. Reinstall the mounting nuts and tighten them evenly until the tank is secure but not overtightened.
10. **Reconnect Water Supply:** Reconnect the water supply line to the bottom of the tank. Hand-tighten, then use a wrench for a final quarter turn.
11. **Restore Water Supply:** Slowly turn the water supply valve counter-clockwise to restore water flow to the tank. Check for leaks around all connections.
12. **Test Flush:** Allow the tank to fill, then test the dual flush function.



Figure 3: Side view of the Dual Flush Valve, showing connection points

5. Operating Instructions

The American Standard Selectronic Dual Flush Valve offers two flushing options to conserve water:

- **Partial Flush (Liquid Waste):** Press and release the smaller button or the shorter side of the flush actuator. This uses less water for liquid waste.
- **Full Flush (Solid Waste):** Press and release the larger button or the longer side of the flush actuator. This uses the full volume of water for solid waste.

Ensure the flush actuator buttons are properly aligned with the valve mechanism for correct operation.

6. Maintenance

Regular maintenance helps ensure the longevity and proper function of your dual flush valve:

- **Cleaning:** Periodically inspect the valve for mineral buildup or debris. Clean with a soft brush and mild, non-abrasive cleaner if necessary. Avoid harsh chemicals that can damage plastic components.
- **Seal Inspection:** Check the rubber gasket and seals for wear, cracks, or deterioration. Worn seals can lead to leaks or continuous running water. Replace seals as needed.
- **Actuator Check:** Ensure the flush buttons or lever operate smoothly and return to their original position after each flush.



Figure 4: Top view of the Dual Flush Valve, showing the dual flush mechanism

7. Troubleshooting

Common issues and their potential solutions:

Problem	Possible Cause	Solution
Toilet runs continuously	Worn or improperly seated gasket/seal; debris under seal; flush valve not closing completely.	Inspect and clean the gasket/seal. Ensure no debris is obstructing the valve. Replace the gasket if worn.
Weak or incomplete flush	Low water level in tank; obstruction in flush valve; flush actuator not fully engaging.	Check water level and adjust fill valve if necessary. Inspect flush valve for obstructions. Ensure flush buttons are pressing down fully.
Toilet does not flush	Flush actuator disconnected or broken; flush valve mechanism jammed.	Check connection between flush buttons and valve. Inspect valve for any visible damage or obstruction.
Leak from tank base	Loose retaining nut; damaged tank-to-bowl gasket; cracked tank.	Tighten retaining nut (do not overtighten). Inspect and replace tank-to-bowl gasket if damaged. If tank is cracked, it requires replacement.

If troubleshooting steps do not resolve the issue, contact American Standard Customer Service.

8. Specifications

- **Model Number:** 7381002-400.0070A
- **Brand:** American Standard
- **Material:** Plastic
- **Inlet Connection Size:** 2 Inches
- **Number of Ports:** 2
- **Item Dimensions (L x W x H):** 5.6 x 5.6 x 12.9 inches
- **Item Weight:** 1.19 Pounds
- **UPC:** 012611418884

9. Warranty and Support

Warranty: This product comes with a 1-year Limited warranty from the date of purchase. Please retain your proof of purchase for warranty claims.

Customer Service: For compatibility questions, technical assistance, or warranty support, please contact American Standard Customer Service at [1-800-442-1902](tel:1-800-442-1902).