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Fluidmaster PRO747

Fluidmaster PRO747 Adjustable Ballcock Instruction Manual

Model: PRO747

PRODUCT OVERVIEW

The Fluidmaster PRO747 Adjustable Ballcock is a direct replacement fill valve specifically designed for Kohler 1-piece toilets. It features a high refill port and a water-saving roller clamp to ensure efficient and consistent performance. This product is code-approved and replaces the fill valve in various Kohler toilet models, including K-3466, K-3467, K-3386, K-3524, K-3492, K-3607, and K-3393.



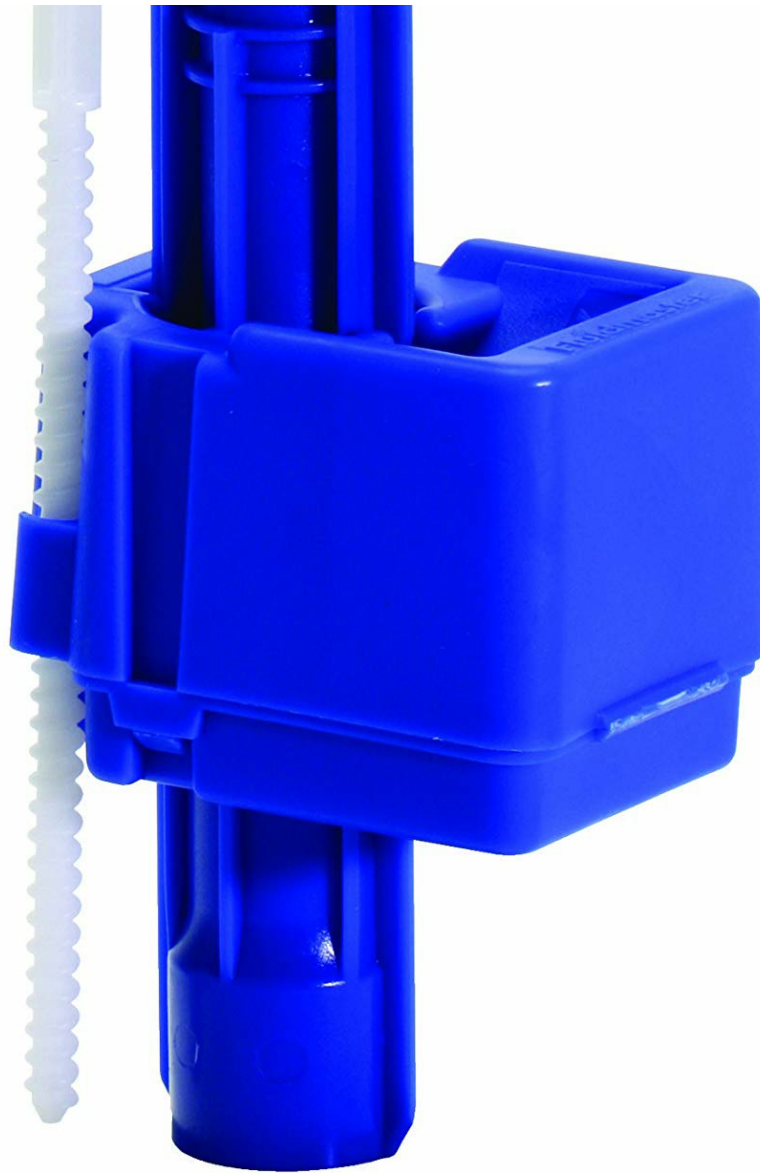


Image 1: Fluidmaster PRO747 Adjustable Ballcock. This image displays the complete fill valve assembly, including the main body, float, and refill tube connection.

SAFETY INFORMATION

Always turn off the water supply to the toilet before beginning any installation or maintenance. Wear appropriate personal protective equipment, such as gloves and eye protection. If you are unsure about any step, consult a qualified plumber.

SETUP AND INSTALLATION

1. **Turn off Water Supply:** Locate the water supply valve at the base of the toilet and turn it clockwise until the water flow stops completely. Flush the toilet to empty the tank.
2. **Remove Old Fill Valve:** Disconnect the water supply line from the bottom of the old fill valve. Unscrew the mounting nut from underneath the toilet tank. Carefully remove the old fill valve from the tank.
3. **Prepare New Fill Valve:** Ensure the new Fluidmaster PRO747 fill valve has the necessary washer in place at its base.

4. **Install New Fill Valve:** Insert the new fill valve into the hole at the bottom of the toilet tank. From underneath the tank, hand-tighten the mounting nut onto the valve shank. Do not overtighten.
5. **Connect Water Supply:** Reconnect the water supply line to the new fill valve. Hand-tighten the connection, then use a wrench to tighten an additional quarter turn. Do not overtighten.
6. **Attach Refill Tube:** Connect the refill tube from the fill valve to the overflow pipe in the toilet tank. Ensure the tube is securely attached and positioned to direct water into the overflow pipe.
7. **Adjust Height (if applicable):** The PRO747 is designed for specific Kohler models. If height adjustment is needed, follow the instructions provided with the physical product for your specific toilet model.

OPERATING INSTRUCTIONS

After installation, slowly turn the water supply valve counter-clockwise to restore water flow to the toilet. The tank will begin to fill. Observe the water level. The fill valve is designed to shut off automatically when the water reaches the appropriate level, typically about 1 inch below the top of the overflow pipe.

- **Water Level Adjustment:** The PRO747 features a high refill port and water-saving roller clamp. Adjust the roller clamp on the refill tube to control the amount of water directed into the overflow pipe, which affects the bowl refill.
- **Flushing:** The toilet operates normally after the fill valve is installed and adjusted. Press the flush handle to initiate a flush cycle. The fill valve will then refill the tank and bowl.

MAINTENANCE

- **Regular Inspection:** Periodically inspect the fill valve for any signs of wear, leaks, or mineral buildup.
- **Cleaning:** If the fill valve becomes sluggish or noisy, mineral deposits may be affecting its operation. Turn off the water supply, remove the fill valve, and gently clean any visible mineral buildup with a soft brush and white vinegar solution. Rinse thoroughly before reinstallation.
- **Part Replacement:** If the fill valve is damaged or no longer functions correctly after cleaning, it may need to be replaced. Use genuine Fluidmaster replacement parts for optimal performance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Toilet runs continuously or cycles on and off.	Water level too high, fill valve not shutting off completely, or flapper/flush valve leak.	Adjust water level. Inspect fill valve for obstructions. Check flapper for proper seal and replace if necessary.
Toilet fills slowly.	Low water pressure, clogged fill valve, or kinked supply line.	Check water supply valve is fully open. Clean fill valve for mineral deposits. Ensure supply line is not kinked.
No water entering tank.	Water supply valve closed, clogged fill valve, or faulty fill valve.	Open water supply valve. Clean fill valve. Replace fill valve if necessary.
Water level in bowl is too low.	Refill tube not properly connected or adjusted.	Ensure refill tube is securely connected to the overflow pipe and adjust the roller clamp for proper bowl refill.

SPECIFICATIONS

Feature	Detail
Model Number	PRO747

Feature	Detail
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Brand	Fluidmaster
Manufacturer	American Standard <i>(Note: Product description indicates Fluidmaster, but specifications list American Standard as manufacturer. Please verify with product packaging.)</i>
Item Weight	10.4 ounces
Product Dimensions	9 x 3.5 x 2.6 inches
Compatibility	Direct replacement for Kohler 1-piece toilets (K-3466, K-3467, K-3386, K-3524, K-3492, K-3607, K-3393)
Included Components	No Other Components Included (Fill valve only)
Batteries Required	No

WARRANTY AND SUPPORT

Specific warranty information for the Fluidmaster PRO747 Adjustable Ballcock is not provided in the available product data. Please refer to the product packaging or the official Fluidmaster website for detailed warranty terms and conditions.

For technical support or further assistance, please contact Fluidmaster customer service directly. Contact information can typically be found on the product packaging or their official website.

