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› EcoFlush B8100-01 Lower Supply Assembly Instruction Manual

EcoFlush B8100-01

EcoFlush B8100-01 Lower Supply Assembly Instruction Manual

Replacement for EcoFlush Models B8100, B8104, and B8106

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your EcoFlush B8100-01 Lower Supply Assembly. This component is designed as a direct replacement for the lower supply mechanism in all EcoFlush toilet models B8100, B8104, and B8106. Please read these instructions carefully before proceeding with installation to ensure proper function and safety.

For additional support or inquiries, please refer to the contact information provided in the Warranty and Support section.

2. PRODUCT OVERVIEW

The EcoFlush B8100-01 Lower Supply Assembly is a critical component for the proper functioning of your EcoFlush toilet. It controls the water flow into the toilet tank, ensuring efficient and reliable flushing. This assembly is certified under CSA and cUPC codes, indicating compliance with North American plumbing standards for safety and performance.



Figure 1: The EcoFlush B8100-01 Lower Supply Assembly, showing the main body and the flexible tube connection.

The assembly includes the main valve body and the necessary connection points for integration into your existing EcoFlush toilet system. It is designed for straightforward replacement.

3. SAFETY INFORMATION

Always prioritize safety when performing plumbing work. Failure to follow these guidelines may result in property damage or personal injury.

- **Turn off water supply:** Before beginning any work, locate and turn off the main water supply valve to the toilet. Flush the toilet to drain the tank.
- **Wear protective gear:** Use appropriate personal protective equipment, such as gloves and eye protection.
- **Inspect components:** Before installation, inspect all parts for any signs of damage or defects. Do not install damaged components.
- **Avoid overtightening:** Do not overtighten nuts or connections, as this can cause damage to the plastic components or create leaks.
- **Keep work area clean:** Ensure your work area is clear of obstructions and well-lit.

4. SETUP AND INSTALLATION

Follow these steps to replace the lower supply assembly in your EcoFlush toilet.

1. Prepare the Toilet:

- Turn off the water supply valve located at the wall behind or near the toilet.
- Flush the toilet to empty the tank. Hold the flush handle down to ensure as much water as possible drains out.
- Use a sponge or towel to remove any remaining water from the tank.

2. Disconnect Old Assembly:

- Disconnect the water supply line from the bottom of the existing lower supply assembly. Have a small bucket or towel ready to catch any residual water.
- Inside the toilet tank, locate the large nut that secures the lower supply assembly to the tank. Unscrew this nut.
- Carefully remove the old lower supply assembly from the toilet tank.

3. Install New Assembly:

- Insert the new EcoFlush B8100-01 Lower Supply Assembly into the hole at the bottom of the toilet tank, ensuring the rubber washer is correctly seated on the outside of the tank.
- From underneath the tank, thread the large plastic nut onto the shank of the new assembly. Hand-tighten the nut securely. Avoid overtightening.
- Reconnect the water supply line to the threaded connection at the bottom of the new assembly. Hand-tighten, then use a wrench for a final quarter-turn, ensuring a snug fit without overtightening.

4. Check Connections:

- Ensure all connections are secure.
- Slowly turn the water supply valve back on.
- Allow the tank to fill. Inspect all connections for leaks. If leaks are present, gently tighten the connections further until the leak stops.



Figure 2: Close-up view of the EcoFlush B8100-01 assembly, highlighting the connection points and branding.

5. OPERATING INSTRUCTIONS

Once installed, the EcoFlush B8100-01 Lower Supply Assembly operates automatically to refill the toilet tank after each flush. No manual adjustments are typically required for its basic operation.

- **Water Level:** The assembly is designed to fill the tank to the appropriate water level. If the water level is consistently too high or too low, refer to the Troubleshooting section.
- **Flushing:** The toilet will flush normally once the tank is filled.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and efficient operation of your EcoFlush B8100-01 Lower Supply Assembly.

- **Periodic Inspection:** Periodically check for any signs of leaks around the connections or within the toilet tank.
- **Cleaning:** If mineral deposits accumulate, they can affect the valve's performance. Turn off the water supply, drain the tank, and gently clean the visible components of the assembly with a soft brush and mild cleaner. Avoid harsh chemicals.
- **Float Mechanism:** Ensure the float mechanism (if applicable to your specific toilet model's fill valve) moves freely without obstruction.

7. TROUBLESHOOTING

Refer to the following table for common issues and their potential solutions.

Problem	Possible Cause	Solution
Toilet tank does not fill or fills slowly.	Water supply valve is closed or partially closed. Debris in the fill valve.	Ensure the water supply valve is fully open. Turn off water, remove assembly, and check for debris.
Continuous running water.	Water level too high, causing overflow. Flapper not sealing correctly.	Check the water level adjustment (if applicable to your fill valve type). Inspect the flapper for proper seal.
Leaks around the base of the toilet.	Loose connections. Damaged washer.	Tighten the large nut under the tank and the water supply line connection. Ensure the rubber washer is properly seated.

If troubleshooting steps do not resolve the issue, contact customer support.

8. SPECIFICATIONS

- **Model Number:** B8100-01 (Replacement for B8100, B8104, B8106)
- **Brand:** EcoFlush
- **Item Weight:** Approximately 1 Pound
- **Certifications:** CSA, cUPC
- **Manufacturer:** EcoFlush
- **ASIN:** B00JXOG04E

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your EcoFlush B8100-01 Lower Supply Assembly, please contact EcoFlush customer service directly. Keep your purchase receipt as proof of purchase.

Contact details can typically be found on the EcoFlush official website or on the product packaging.