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› [FOLIAGE](#) /

› FOLIAGE Pressure Washer Pump 7/8" Shaft Instruction Manual for Troy-Bilt Models

FOLIAGE 020676-00, 020676A-00, 020678-00

FOLIAGE Pressure Washer Pump 7/8" Shaft Instruction Manual

Model Compatibility: Troy-Bilt 020676-00, 020676A-00, 020678-00

INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your FOLIAGE 7/8" shaft pressure washer pump. This pump is designed for high-pressure performance and is compatible with specific Troy-Bilt pressure washer models: 020676-00, 020676A-00, and 020678-00. Constructed with high-quality materials, it ensures durability and consistent performance for your pressure washing needs.

Before proceeding with installation or operation, please read this manual thoroughly to ensure safe and correct usage.

PRODUCT OVERVIEW



Image 1: FOLIAGE 7/8 inch shaft pressure washer pump. This image displays the main pump unit, featuring a silver-colored body, brass fittings for water inlet/outlet, and a mounting bracket. A small, separate brass and black valve component is also visible in the foreground.

The FOLIAGE pressure washer pump is a direct replacement component. It features a 7/8" shaft for connection to the engine and includes all necessary ports for water intake, high-pressure output, and chemical injection (if applicable). The

robust construction is designed for longevity and efficient operation.

SETUP AND INSTALLATION

Proper installation is crucial for the pump's performance and safety. This pump is designed for easy installation on compatible Troy-Bilt models.

1. **Verify Compatibility:** Before beginning installation, confirm that this pump is the correct fit for your specific Troy-Bilt pressure washer model (020676-00, 020676A-00, or 020678-00). Review the product dimensions and compare them with your existing pump.
2. **Safety First:** Ensure the pressure washer engine is turned off and cooled down. Disconnect the spark plug wire to prevent accidental starting. Release any residual pressure in the system.
3. **Remove Old Pump:** Disconnect all hoses (water inlet, high-pressure outlet, chemical injector) from the old pump. Unbolt the old pump from the engine. Note the orientation and any spacers or washers for reinstallation.
4. **Prepare New Pump:** Inspect the new FOLIAGE pump for any shipping damage. Apply a thin layer of anti-seize lubricant to the engine shaft if recommended by your pressure washer's engine manual.
5. **Install New Pump:** Carefully slide the new pump onto the engine shaft, ensuring the keyway aligns with the key on the shaft. Secure the pump to the engine using the original bolts and hardware. Tighten bolts evenly and securely.
6. **Connect Hoses:** Reconnect the water inlet hose, high-pressure outlet hose, and chemical injector hose (if applicable) to the appropriate ports on the new pump. Ensure all connections are tight to prevent leaks.
7. **Initial Check:** Before starting the engine, slowly turn on the water supply to the pump to purge air from the system. Look for any leaks.

OPERATING INSTRUCTIONS

Once the pump is installed and all connections are secure, follow these steps for safe operation:

1. **Water Supply:** Ensure a continuous and adequate water supply is connected to the pump inlet. Never run the pump dry, as this can cause severe damage.
2. **Start Engine:** Follow your pressure washer engine's starting procedure. Allow the engine to warm up briefly.
3. **Engage Trigger:** Squeeze the trigger on the spray gun to release water and begin pressure washing. The pump will deliver high-pressure water for cleaning tasks.
4. **Chemical Application (if applicable):** If your pressure washer has a chemical injection system, follow its specific instructions for applying detergents.
5. **Shut Down:** To stop operation, release the spray gun trigger. Turn off the pressure washer engine. Turn off the water supply. Squeeze the trigger again to release any remaining pressure in the system before disconnecting hoses.

MAINTENANCE

Regular maintenance extends the life of your FOLIAGE pressure washer pump.

- **After Each Use:**

- Flush the pump with clean water to remove any chemical residues.
- Drain all water from the pump and hoses, especially before storing in freezing temperatures.
- Inspect hoses and connections for wear or leaks.

- **Seasonal Storage:**

- Apply a pump protector or antifreeze solution to prevent internal corrosion and freezing damage during extended storage.
- Store the pressure washer in a dry, protected area.
- **Regular Inspection:** Periodically check the pump for any signs of damage, loose bolts, or excessive wear. Replace worn parts as necessary.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No water pressure	• Insufficient water supply • Air in the pump • Clogged inlet filter • Worn seals/valves	• Ensure water supply is fully open and adequate. • Purge air from the pump by running water through it before starting. • Clean or replace the inlet filter. • Inspect and replace pump seals or valves if necessary (professional service recommended).
Water leaks from pump	• Loose connections • Damaged O-rings or seals • Cracked housing	• Tighten all hose connections. • Inspect and replace any damaged O-rings or seals. • If housing is cracked, the pump may need replacement.
Pump making unusual noise	• Lack of lubrication • Air in the system • Damaged internal components	• Ensure proper pump oil levels (if applicable to your specific pump design). • Bleed air from the system. • Discontinue use and seek professional inspection.

SPECIFICATIONS

- **Brand:** FOLIAGE
- **Shaft Size:** 7/8 inch
- **Compatible Troy-Bilt Models:** 020676-00, 020676A-00, 020678-00
- **Manufacturer:** FOLIAGE
- **ASIN:** B0DCNYM9BS

WARRANTY AND SUPPORT

Specific warranty information for this FOLIAGE product is not provided in this manual. Please refer to the product packaging or contact the retailer/manufacturer directly for warranty details and customer support inquiries.

ASK A QUESTION ABOUT THIS MANUAL

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.

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