

Poulan Pro PR48BT

Poulan Pro PR48BT 48cc 2-Cycle Gas Backpack Leaf Blower Instruction Manual

1. SAFETY INFORMATION

Always read and understand the entire instruction manual before operating this equipment. Failure to follow instructions can result in serious injury or property damage.

- Wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and sturdy footwear.
- Do not operate the blower in wet conditions or near flammable liquids.
- Keep children, bystanders, and pets at a safe distance (at least 50 feet) from the operating area.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

2. PRODUCT OVERVIEW

The Poulan Pro PR48BT is a powerful 48cc 2-cycle gas-powered backpack leaf blower designed for efficient outdoor cleanup. It delivers high-velocity airflow, making it suitable for clearing leaves, grass clippings, and other debris from various surfaces.



Figure 1: Front view of the Poulan Pro PR48BT Backpack Leaf Blower.

Key features include:

- **Powerful Engine:** Equipped with a 48cc 2-cycle engine.
- **High Performance:** Capable of 475 CFM air flow and up to 200 MPH wind speeds.
- **Ergonomic Design:** Lightweight for superior comfort, weighing less than 20 lbs.

- **Adjustable Straps:** Padded, load-reducing harness and adjustable shoulder straps for optimal fit and reduced fatigue.
- **Intuitive Controls:** Variable speed trigger with cruise control for precise air flow management.

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Video 1: Official overview of the Poulan Pro Backpack Blower, highlighting its features and performance.

3. ASSEMBLY

The Poulan Pro PR48BT requires minimal assembly. Follow these steps to prepare your blower for use:

1. **Attach the Blower Tube:** Securely connect the flexible blower tube to the main unit. Ensure all clamps are tightened.
2. **Install the Handle Assembly:** Attach the handle with the trigger control to the blower tube. Adjust its position for comfortable operation.
3. **Adjust Shoulder Straps:** Put on the backpack blower and adjust the padded shoulder straps and harness for a snug and comfortable fit.
4. **Optional Tube Extension:** An additional tube is provided to constrict airflow for increased pressure, if desired. Attach it to the end of the main blower tube.



Figure 2: Side view showing the blower tube assembly and flexible connection.

4. OPERATION

Starting Procedure

The PR48BT uses a 2-cycle engine, requiring a mixed gas fuel. Always use the correct fuel mixture as specified in the full manual.

1. **Fill Fuel Tank:** Ensure the fuel tank is filled with the proper gas-oil mixture.
2. **Prime the Engine:** Locate the primer bulb (often positioned in a less accessible area) and press it several times until fuel is visible.
3. **Set Choke:** Move the choke lever to the 'Full Choke' position.
4. **Pull Starter Cord:** Pull the starter cord firmly and smoothly until the engine attempts to start (usually 1-3 pulls).
5. **Adjust Choke:** Once the engine 'pops' or briefly starts, move the choke lever to the 'Half Choke' or 'Run' position.
6. **Restart Engine:** Pull the starter cord again until the engine starts and runs smoothly.
7. **Warm-up:** Allow the engine to warm up for 30 seconds to a minute before full operation.

Controls

The blower features a comfortable handle with integrated controls:

- **Variable Speed Trigger:** Allows you to control the air flow speed by varying pressure on the trigger.
- **Cruise Control:** A slide mechanism allows you to lock the throttle at a desired speed, reducing hand fatigue during extended use.
- **On/Off Switch:** A clearly marked switch to power the unit on or off.



Figure 3: Close-up view of the variable speed trigger and cruise control on the handle.

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Video 2: Demonstration of the Poulan Pro PR48BT, including starting procedures, control features, and general operation.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your Poulan Pro PR48BT.

- **Air Filter:** The air filter is easily accessible. Regularly check and clean it by vacuuming or blowing out debris. Due to the backpack design, the air filter tends to stay cleaner than on ground-level blowers.
- **Fuel System:** Use fresh, properly mixed 2-cycle fuel. For seasonal storage, drain the fuel system or use a fuel stabilizer.
- **Spark Plug:** Inspect and clean or replace the spark plug as needed to ensure reliable starting and engine performance.
- **General Cleaning:** Keep the exterior of the blower clean and free of debris.

6. TROUBLESHOOTING

If you encounter issues with your Poulan Pro PR48BT, consider the following common troubleshooting steps:

- **Engine Not Starting:**
 - Ensure the fuel tank has the correct gas-oil mixture.
 - Verify the primer bulb has been pressed sufficiently.
 - Check the choke setting.
 - Inspect the spark plug for fouling or damage.
- **Loss of Power:**
 - Clean or replace the air filter.
 - Ensure the fuel mixture is correct and fresh.
- **Excessive Noise/Vibration:**
 - Check for loose components or debris in the fan housing.
 - Always use hearing protection during operation.

For more detailed troubleshooting, refer to the complete user manual or contact Poulan Pro customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	Poulan Pro
Model Name	PR48BT
Engine Displacement	48cc
Power Source	Gas Powered (2-Cycle)
Air Flow Capacity	475 Cubic Feet Per Minute (CFM)
Air Speed	200 Miles per Hour (MPH)

Form Factor	Backpack
Item Weight	22 Pounds
Product Dimensions	17"L x 13"W x 17"H
Included Components	User Manual

8. WARRANTY AND SUPPORT

The Poulan Pro PR48BT Backpack Leaf Blower is backed by a **2-Year Limited Warranty**. For warranty claims, technical assistance, or to purchase replacement parts, please refer to the contact information provided in your complete user manual or visit the official Poulan Pro website.

Always use genuine Poulan Pro parts and accessories to maintain warranty validity and ensure optimal performance.