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Poulan Pro PR4218

Poulan Pro PR4218 Chainsaw Instruction Manual

Model: PR4218

PRODUCT OVERVIEW

The Poulan Pro PR4218 is a 42cc 2-cycle gas-powered chainsaw designed for medium-duty tasks such as storm clean-up, tree felling, and firewood cutting. It features an OxyPower engine for improved performance, lower emissions, and reduced fuel consumption. The unit also includes a Super Clean Air Filter System, Automatic Oiler, and Reduced Vibration Handles for enhanced user experience.



Figure 1: Poulan Pro PR4218 Chainsaw with 18-inch bar.

KEY FEATURES

- **42cc, 2-stroke engine with 18" Bar:** Provides ample power for various cutting tasks.
- **Ideal for medium-duty storm clean-up, cutting firewood, and felling trees:** Versatile for common homeowner needs.
- **Includes: Carry Case, Extra Chain, Built-in Scrench, 2-Stroke Oil:** Comprehensive package for immediate use and maintenance.
- **Power source type: Gas:** Ensures portability and high power output.
- **OxyPower Engine:** Designed for more power, lower emission levels, and lower fuel consumption.

SAFETY INFORMATION

Always read and understand the complete safety instructions in the user manual before operating the chainsaw. Wear appropriate personal protective equipment (PPE) including eye protection, hearing protection, gloves, and chainsaw chaps. Ensure a clear work area and be aware of your surroundings. Never operate the chainsaw when fatigued or under the influence of substances.

SETUP

- Fuel Mixture:** The PR4218 uses a 2-cycle engine. Mix unleaded gasoline with 2-stroke engine oil at the ratio specified in the full user manual. Use fresh, clean fuel.
- Chain Oil:** Fill the chain oil reservoir with high-quality bar and chain oil. The chainsaw features an automatic oiler, but it requires a full reservoir for proper lubrication during operation.
- Bar and Chain Assembly:** Ensure the guide bar and saw chain are correctly installed and the chain tension is properly adjusted. Refer to the detailed instructions in the user manual for this procedure.
- Starting Procedure:**
 - Engage the chain brake.
 - Push the primer bulb several times until fuel is visible.
 - Set the choke to the full choke position.
 - Place the chainsaw on a firm, flat surface.
 - Hold the front handle firmly with one hand and pull the starter cord with the other until the engine attempts to start (pops).
 - Move the choke to the half-choke position and pull the starter cord again until the engine starts.
 - Once started, allow the engine to warm up briefly before disengaging the chain brake and beginning operation.



Figure 2: Close-up view of the Poulan Pro PR4218 chainsaw, highlighting the controls and model identification.

OPERATING INSTRUCTIONS

Before each use, inspect the chainsaw for any damage, loose parts, or leaks. Ensure the chain is sharp and properly tensioned. Always maintain a firm grip with both hands on the handles. When cutting, let the saw do the work; do not

force it. Be mindful of kickback and always cut with the lower part of the guide bar. Plan your cuts and escape routes carefully, especially when felling trees.



Figure 3: A user demonstrating the Poulan Pro PR4218 chainsaw in action, cutting a log.

Video 2: Demonstration of the Poulan Pro Chainsaw cutting a small tree with ease. This video highlights the cutting capability of the chainsaw.

MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your Poulan Pro PR4218 chainsaw. Key maintenance tasks include:

- **Chain Sharpening:** Keep the saw chain sharp for efficient and safe cutting. Dull chains can cause kickback and strain the engine.
- **Bar Oiling:** Regularly check and refill the bar oil reservoir. The automatic oiler relies on a sufficient supply of oil to lubricate the bar and chain.
- **Air Filter Cleaning:** Periodically clean or replace the air filter to ensure proper engine performance and prevent damage.
- **Spark Plug Inspection:** Inspect and clean the spark plug as needed. Replace if worn or fouled.
- **General Cleaning:** Keep the chainsaw clean from sawdust and debris, especially around the engine cooling fins and air intake.

For detailed maintenance schedules and procedures, please refer to the comprehensive user manual.

TROUBLESHOOTING

If you encounter issues with your Poulan Pro PR4218 chainsaw, consult the following common troubleshooting tips.

For more in-depth solutions, always refer to the full user manual.

Common Troubleshooting Issues

Problem	Possible Cause & Solution
Chainsaw will not idle or stalls.	This can be caused by an improperly adjusted carburetor, stale fuel, or a dirty air filter. Adjust the idle screw as per manual, use fresh fuel, and clean the air filter.
Chainsaw runs while chain brake is engaged or without pulling handles.	This is a serious safety concern. Immediately stop using the chainsaw. This could indicate a faulty clutch, chain brake, or throttle linkage. Seek professional service.
Engine does not start.	Check fuel level, ensure proper fuel/oil mix, verify spark plug condition, and confirm choke settings. Follow the starting procedure carefully.

Video 3: A user demonstrating an issue where the chainsaw cannot idle without dying. This video is useful for diagnosing idling problems.

Video 4: A user demonstrating a safety concern where the chainsaw runs while the lock is engaged. This video highlights a critical issue requiring immediate attention.

SPECIFICATIONS

Poulan Pro PR4218 Chainsaw Specifications

Feature	Detail
Brand	Poulan Pro
Power Source	Gas Powered
Horsepower	2
Item Weight	13.3 Pounds
Product Dimensions	24" L x 10" W x 11" H
Chain Length	18 Inches
Manufacturer	Poulan Pro
UPC	024761039109
Item Model Number	PR4218

WARRANTY & SUPPORT

For detailed warranty information, safety guidelines, and comprehensive support, please refer to the official user manual provided with your product. A digital copy of the user manual is available for download:

[Download User Manual \(PDF\)](#)

Related Documents - PR4218

	<p>Poulan Pro PR5020 Chainsaw: Quick Start and Operation Manual</p> <p>Comprehensive guide for the Poulan Pro PR5020 chainsaw, covering quick start instructions, safety precautions, operation techniques, maintenance, and troubleshooting.</p>
 <p>SPARE PARTS LIST CHAIN SAWS PR5020, 967061401, 967061501, 2016-04</p>	<p>Poulan Pro PR5020 Chainsaw Spare Parts List</p> <p>Comprehensive spare parts list for the Poulan Pro PR5020 chainsaw, including model numbers 967061401 and 967061501, with detailed diagrams and part numbers for engine, housing, and side cover/clutch components.</p>
	<p>Poulan Pro PR5020 Chainsaw Instruction Manual</p> <p>Comprehensive instruction manual for the Poulan Pro PR5020 chainsaw, covering safety, operation, maintenance, and assembly. Learn how to safely start, use, and maintain your chainsaw for optimal performance.</p>
	<p>Poulan Pro PR48BT Instruction Manual</p> <p>Comprehensive instruction manual for the Poulan Pro PR48BT leaf blower, covering safety precautions, assembly, operation, maintenance, and troubleshooting.</p>
	<p>Poulan PRO 330/380 Chainsaw Instruction Manual</p> <p>Comprehensive instruction manual for Poulan PRO 330 and 380 chainsaws, covering safety, operation, maintenance, and troubleshooting.</p>
	<p>Poulan Pro PR5020 Chainsaw Instruction Manual</p> <p>Comprehensive instruction manual for the Poulan Pro PR5020 chainsaw, covering quick-start guide, safety precautions, operating instructions, maintenance, and troubleshooting.</p>

