

Poulan Pro PRLM21i

Poulan Pro PRLM21i 58-Volt Cordless Lawn Mower User Manual

Model: PRLM21i

1. INTRODUCTION AND PRODUCT OVERVIEW

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Poulan Pro PRLM21i 58-Volt Cordless 21-inch 3-in-1 Push Lawn Mower. Please read this manual thoroughly before initial use and keep it for future reference.

The Poulan Pro PRLM21i is a battery-powered lawn mower designed for homeowners seeking a powerful, quiet, and environmentally friendly alternative to gas-powered models. It features a 21-inch steel cutting deck and offers 3-in-1 functionality: mulching, bagging, and side discharge.



Overall view of the Poulan Pro PRLM21i lawn mower with its grass collection bag.

Official product video demonstrating key features of the Poulan Pro PRLM21i lawn mower, including battery installation, height adjustment, and 3-in-1 capabilities.

2. SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when using this product.

- Read all instructions carefully before operating the mower.
- Wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and sturdy footwear.
- Keep children, pets, and bystanders away from the mowing area.
- Do not operate the mower in wet conditions or on steep slopes.
- Always remove the battery pack when cleaning, servicing, or storing the mower.
- Inspect the mower for damage before each use. Do not operate if damaged.

3. SETUP AND ASSEMBLY

Your lawn mower requires minimal assembly. Follow these steps for initial setup:

1. **Unpack Components:** Carefully remove all parts from the packaging.
2. **Handle Assembly:** Attach the upper handle to the lower handle, ensuring all bolts are securely

tightened.

3. **Battery Charging:** Fully charge the 58V Lithium-ion battery using the provided charger before first use. Refer to the charger's manual for detailed instructions.
4. **Battery Installation:** Insert the charged battery into the battery compartment on the mower. Ensure it clicks securely into place.



Proper insertion of the 58V Lithium-ion battery into the mower's battery compartment.

4. OPERATING INSTRUCTIONS

4.1. Starting and Stopping

- **To Start:** Ensure the battery is installed. Press and hold the safety switch, then pull the bail lever towards the handle. The mower will start with an easy push-button action.
- **To Stop:** Release the bail lever. The motor will stop automatically.



Close-up of the control panel on the handle, showing the power meter and boost mode button.

4.2. Cutting Height Adjustment

The mower features 4 quick-adjust cutting height positions. To adjust, locate the height adjustment levers near the wheels. Pull the lever outwards and move it to the desired notch for your preferred cutting height. Ensure all wheels are set to the same height.



Detail of the quick-adjust height position lever on the mower wheel.

4.3. Mowing Modes (3-in-1 Functionality)

Your mower is capable of mulching, bagging, and side discharging grass clippings.

- **Bagging:** Attach the grass collection bag to the rear discharge opening. Ensure it is securely fastened.
- **Mulching:** Remove the grass collection bag and ensure the mulching plug is inserted into the rear discharge opening.
- **Side Discharge:** Remove the grass collection bag and mulching plug. Attach the side discharge chute to the side opening.

4.4. Mowing Tips

- For best results, avoid cutting more than one-third of the grass blade length at a time.
- Mow when the grass is dry.
- Overlap cutting swaths slightly to ensure even coverage.
- Utilize the exclusive power meter and boost mode for optimal performance in varying grass conditions.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your lawn mower.

- **Cleaning:** After each use, clean the underside of the cutting deck to prevent grass buildup. Use a damp cloth to wipe down the exterior. Do not use a pressure washer.
- **Blade Care:** Periodically inspect the blade for sharpness and damage. A dull blade can tear grass, leading to an unhealthy lawn. Sharpen or replace the blade as needed. Always wear heavy-duty

gloves when handling the blade.

- **Battery Storage:** Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, ensure the battery is partially charged (around 50%).
- **General Storage:** Store the mower in a dry, protected area. The handle can be folded for compact storage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Mower does not start	Battery not fully charged or improperly installed; Safety switch/bail lever not engaged.	Ensure battery is fully charged and properly seated. Engage safety switch and pull bail lever.
Reduced cutting performance	Dull or damaged blade; Grass buildup under deck; Cutting height too low for grass conditions.	Sharpen or replace blade. Clean underside of deck. Adjust cutting height.
Mower stops during operation	Battery depleted; Overload protection activated (e.g., thick grass).	Recharge battery. Reduce mowing load by raising cutting height or taking smaller passes.

7. SPECIFICATIONS







Feature	Detail
Brand	Poulan Pro
Model Number	PRLM21i
Power Source	Battery Powered (58V Lithium Ion)
Cutting Width	21 Inches
Cutting Height Positions	4
Operation Mode	Automatic
Item Weight	65 Pounds
Product Dimensions	64 x 23 x 32 inches
Wheel Size	11 Inches (rear)
Material	Alloy Steel (deck)

8. WARRANTY AND SUPPORT

The Poulan Pro PRLM21i 58-Volt Cordless Lawn Mower comes with a**5-Year Limited Warranty**. For warranty claims, technical support, or to purchase replacement parts, please contact Poulan Pro customer service. Refer to the product packaging or the official Poulan Pro website for the most current contact information.

For additional information and support, you may visit the official Poulan Pro Store online:[Poulan Pro Store](#)

Related Documents - PRLM21i

	<p>Poulan PRO PR160Y22RB Rotary Lawn Mower Repair Parts Manual</p> <p>This document is a repair parts manual for the Poulan PRO PR160Y22RB Rotary Lawn Mower. It includes detailed part lists and diagrams for the mower assembly, as well as a limited warranty statement.</p>
	<p>Poulan Pro PR450N20S Lawn Mower Operator's Manual</p> <p>Comprehensive operator's manual for the Poulan Pro PR450N20S Deluxe Push Rotary Lawn Mower, covering assembly, operation, maintenance, service, adjustments, storage, and troubleshooting.</p>
	<p>Poulan PRO PBGT26H54 Garden Tractor Repair Parts Manual</p> <p>Comprehensive repair parts manual for the Poulan PRO PBGT26H54 garden tractor, featuring detailed diagrams, part lists, schematics, and technical specifications for all major components.</p>
	<p>Poulan PRO PP19A42 Lawn Tractor Operator's Manual</p> <p>Comprehensive operator's manual for the Poulan PRO PP19A42 Lawn Tractor, covering safety rules, operation, maintenance, and troubleshooting. Learn how to safely operate and maintain your lawn tractor for optimal performance.</p>
	<p>Poulan Pro PP175G42 Lawn Tractor Repair Parts Manual</p> <p>This manual provides detailed repair parts information for the Poulan Pro PP175G42 Lawn Tractor. It includes schematics, electrical diagrams, and parts lists for various components including the chassis, drive system, engine, steering, mower deck, mower lift, seat, and decals. Information on ordering parts and service is also provided.</p>
	<p>Poulan PRO PB20H42LT Lawn Tractor Repair Parts Manual</p> <p>This manual provides a comprehensive parts list and diagrams for the Poulan PRO PB20H42LT Lawn Tractor, aiding in the identification and ordering of replacement parts.</p>