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> RYOBI ONE+ 18V Lithium-Ion 1.5 Ah Battery (PBP002) User Manual

RYOBI PBP002

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1. INTRODUCTION AND OVERVIEW

The RYOBI ONE+ 18V Lithium-Ion 1.5 Ah Battery (model PBP002) is designed to provide reliable power for a wide range of RYOBI ONE+ cordless tools. This compact and lightweight battery ensures consistent performance for various applications, enhancing the portability and efficiency of your tools.



Figure 1.1: Front view of the RYOBI ONE+ 18V Lithium-Ion 1.5 Ah Battery (PBP002) showing the fuel gauge LEDs.

2. SAFETY INFORMATION

Always read and understand all safety warnings and instructions before using this battery. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Do not** immerse the battery in water or other liquids.
- **Do not** store the battery in direct sunlight or in temperatures exceeding 50°C (122°F).
- **Do not** short-circuit the battery terminals.
- **Do not** dispose of batteries in fire.
- Keep the battery out of reach of children.
- Use only with RYOBI ONE+ compatible chargers.
- If the battery casing is cracked or damaged, **do not** use it.
- Recycle or dispose of batteries according to local regulations.

3. SETUP

Proper setup ensures optimal performance and longevity of your battery.

3.1 Initial Charging

Fully charge the battery before its first use. Connect the battery to a compatible RYOBI ONE+ charger. The charger's indicator lights will display the charging status. Refer to your charger's manual for specific light patterns.

3.2 Battery Installation

To install the battery into a RYOBI ONE+ tool:

1. Align the battery with the battery port on your RYOBI ONE+ tool.
2. Slide the battery firmly into place until it clicks, indicating a secure connection.

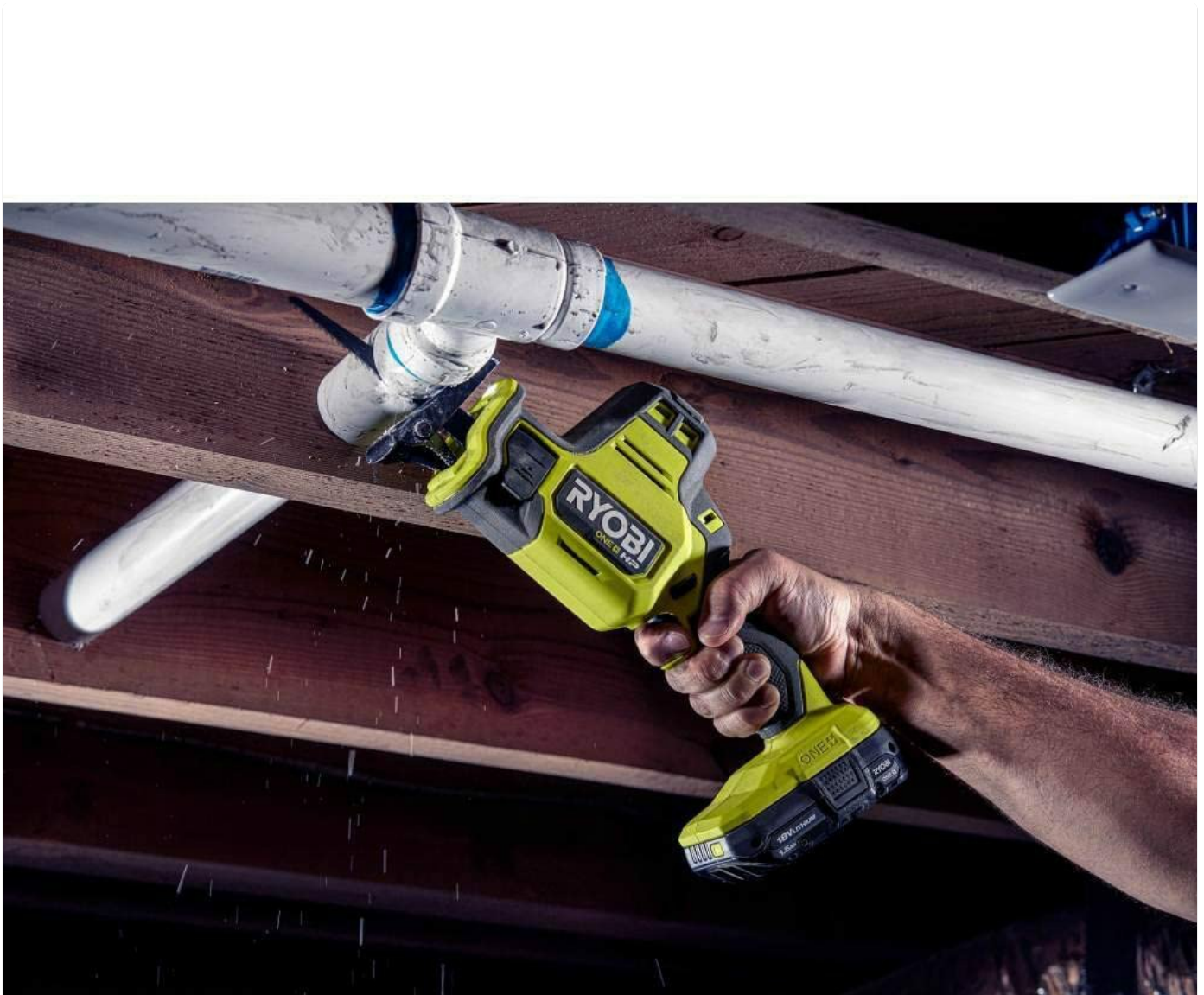


Figure 3.1: Illustrates the correct method for inserting the battery into a compatible RYOBI ONE+ tool.

4. OPERATING INSTRUCTIONS

Once the battery is charged and installed, it is ready for operation.

4.1 Powering Tools

With the battery securely installed, your RYOBI ONE+ tool is ready for use. Refer to your specific tool's instruction manual for detailed operating procedures.

4.2 Battery Level Indicator

The battery features an on-board fuel gauge to indicate the remaining charge. Press the button on the battery to activate the LEDs. The number of illuminated LEDs corresponds to the approximate charge level:

- **4 LEDs:** 75-100% charge
- **3 LEDs:** 50-75% charge
- **2 LEDs:** 25-50% charge
- **1 LED:** 0-25% charge (recharge soon)



Figure 4.1: The battery's fuel gauge showing multiple illuminated LEDs, indicating a high charge level.

5. MAINTENANCE

Regular maintenance helps extend the life and performance of your battery.

5.1 Cleaning

Keep the battery terminals clean and free of dust or debris. Use a dry, clean cloth to wipe the exterior of the battery. **Do not** use solvents or harsh chemicals.

5.2 Storage

For long-term storage, store the battery in a cool, dry place away from direct sunlight and extreme temperatures. It is recommended to store the battery with a partial charge (approximately 50%) to help prolong its overall lifespan. Avoid storing fully discharged batteries.

5.3 Charging Practices

Recharge batteries promptly after use, especially if they are fully discharged. Avoid leaving batteries on the charger for extended periods after they are fully charged, as this can reduce battery life.

6. TROUBLESHOOTING

If you encounter issues with your battery, refer to the following common troubleshooting steps.

6.1 Battery Not Charging

- Ensure the charger is properly plugged into a working electrical outlet.
- Verify that the battery is correctly seated in the charger.
- Check for any visible damage to the battery or charger. If damaged, discontinue use.
- Allow the battery to cool down if it is hot from recent use; some chargers will not initiate charging until the battery reaches a safe temperature.

6.2 Tool Not Powering On

- Ensure the battery is fully charged. Check the fuel gauge.
- Verify that the battery is securely installed in the tool until it clicks into place.
- Check for any obstructions or issues with the tool itself. Refer to the tool's manual for specific troubleshooting.

7. SPECIFICATIONS

Model Number	PBP002
Voltage	18 Volts
Battery Capacity	1.5 Ah
Battery Cell Composition	Lithium Ion
Product Dimensions (L x W x H)	16.31 x 10.39 x 10.31 cm
Item Weight	311.84 g (11 Ounces)
Reusability	Rechargeable
Compatible Tools	RYOBI 18V ONE+ Tools

8. WARRANTY

This RYOBI ONE+ 18V Lithium-Ion 1.5 Ah Battery (PBP002) comes with a **30-day warranty** from the date of purchase. Please retain your proof of purchase for all warranty claims. The warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, abuse, unauthorized modifications, or normal wear and tear. For full warranty terms and conditions, please refer to the official RYOBI warranty documentation or website.

9. CUSTOMER SUPPORT

For technical assistance, warranty claims, or product inquiries, please contact RYOBI Customer Support.

Manufacturer: RYOBI

Place of Business: One World Technologies Inc. PO Box 1288 Anderson SC 29622

For the most up-to-date contact information and support resources, please visit the official [RYOBI website](#).