Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

RYOBI PBLRC25B

RYOBI ONE+ HP 18V Brushless Cordless 3/8 in. Extended Reach Ratchet (PBLRC25B) User Manual

Model: PBLRC25B

Product Overview Safety Instructions Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Product Overview

The RYOBI ONE+ HP 18V Brushless Cordless 3/8 in. Extended Reach Ratchet (PBLRC25B) is designed for fastening and loosening applications, offering enhanced power and accessibility. This tool is part of the RYOBI ONE+ HP series, providing efficient performance for various tasks.



Figure 1: RYOBI ONE+ HP 18V Brushless Cordless 3/8 in. Extended Reach Ratchet (PBLRC25B).

Key Features:

- ONE+ HP Technology: Delivers increased power, providing up to 55 ft-lbs. of torque.
- Extended Reach Design: Features a slim head and extended reach for improved access in confined or difficult-to-reach areas.
- Brushless Motor: Offers longer motor life, increased power, and extended runtime.
- 3/8 inch Drive: Compatible with standard 3/8 inch sockets.

2. Safety Instructions

Always read and understand all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

General Power Tool Safety:

- **Work Area Safety:** Keep the work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- **Personal Safety:** Always wear eye protection. Use appropriate personal protective equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection when necessary. Stay alert, watch what you are doing, and use common sense when operating a power tool.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. It will do the job better and safer at the rate for which it was designed. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.

Battery Tool Use and Care:

- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When the battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws, or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

3. Setup

This section details the initial setup procedures for your RYOBI Extended Reach Ratchet. Ensure the tool is disconnected from any power source (battery removed) before performing any assembly or adjustments.

3.1 Battery Installation and Removal

The RYOBI PBLRC25B is a "tool only" product and requires a RYOBI ONE+ 18V battery and charger (sold separately).

1. **To Install Battery:** Align the ribs on the battery pack with the grooves in the tool's battery port. Slide the battery pack into the tool until it clicks securely into place.
2. **To Remove Battery:** Press the battery release latch (usually located on the battery pack) and slide the battery pack out of the tool.

3.2 Socket Attachment and Removal

The ratchet features a 3/8 inch square drive for attaching sockets.

1. **To Attach Socket:** Push the desired 3/8 inch drive socket firmly onto the square drive anvil until it locks into place.
2. **To Remove Socket:** Pull the socket firmly off the square drive anvil. Some sockets may require a slight twist while pulling.

4. Operating Instructions

Familiarize yourself with the controls and functions before operating the tool.

4.1 Powering On/Off and Speed Control

- The tool is activated by pressing the trigger switch.
- Speed is variable based on trigger pressure; pressing the trigger further increases the speed.
- Release the trigger to turn the tool off.

4.2 Forward/Reverse Rotation

A directional switch (often a lever or button near the trigger) controls the rotation direction.

- Move the switch to the left for forward (tightening) rotation.
- Move the switch to the right for reverse (loosening) rotation.
- Ensure the switch is in the desired position before operating the tool.

4.3 Using the Extended Reach and Rotating Head

The extended reach and 4-position rotating head are designed for enhanced access in tight spaces.



Figure 2: The 4-position rotating head allows for versatile access angles.

- The head of the ratchet can be adjusted to different angles to fit into various work environments.
- Utilize the slim profile and extended length to reach fasteners that are otherwise inaccessible with standard tools.



Figure 3: Demonstrating the slim head and extended reach for accessing fasteners in confined areas.



Figure 4: The extended reach design facilitates work in engine compartments.

4.4 Applying Torque

The tool provides up to 55 ft-lbs of torque. For applications requiring precise torque, always use a calibrated torque wrench for final tightening.

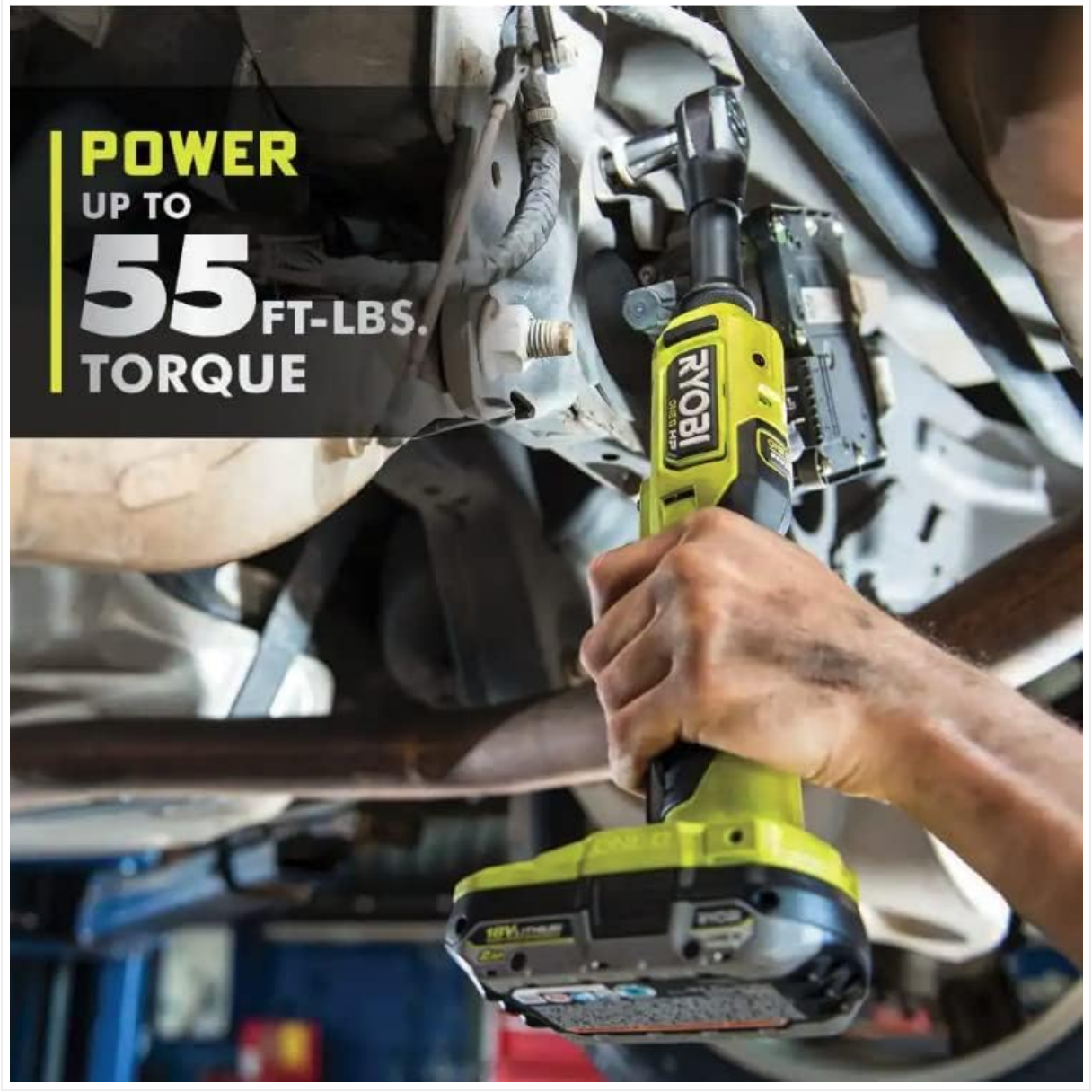


Figure 5: The ratchet delivers significant torque for efficient fastening.

5. Maintenance

Regular maintenance ensures optimal performance and extends the life of your tool. Always remove the battery pack before performing any maintenance.

5.1 Cleaning

- Keep the tool's air vents clear to prevent overheating.
- Use a clean, dry cloth to wipe down the exterior of the tool. Do not use solvents or harsh chemicals.
- Periodically clean the drive anvil to ensure proper socket fit.

5.2 Storage

- Store the tool in a dry, secure location out of reach of children.
- Remove the battery pack from the tool before storing for extended periods.
- Avoid storing in direct sunlight or areas with extreme temperatures.

5.3 Inspection

- Before each use, inspect the tool for any damaged parts, loose screws, or worn components.
- If any damage is observed, do not use the tool. Contact RYOBI customer service for repair or replacement.

6. Troubleshooting

This section addresses common issues you might encounter with your RYOBI Extended Reach Ratchet.

Problem	Possible Cause	Solution
Tool does not start.	Battery pack not installed correctly. Battery pack discharged. Tool malfunction.	Ensure battery pack is fully seated. Charge battery pack. If problem persists, contact customer service.
Reduced power or speed.	Battery pack low on charge. Overload condition.	Recharge battery pack. Reduce load on the tool.
Socket does not attach securely.	Drive anvil is dirty or damaged. Incorrect socket size.	Clean the drive anvil. Ensure you are using a 3/8 inch drive socket. Inspect for damage.
Tool overheats.	Blocked air vents. Continuous heavy use.	Clear air vents. Allow tool to cool down. Avoid prolonged heavy use.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact RYOBI customer support.

7. Specifications

Model Number	PBLRC25B
Brand	RYOBI
Voltage	18 Volts
Maximum Torque	55 Foot Pounds
Maximum Rotational Speed	230 RPM
Drive Size	3/8 inch
Product Dimensions (L x W x H)	15.37" x 3.5" x 5.21"
Item Weight	3 Pounds
Material	Metal
Power Source	Battery Powered (RYOBI ONE+ 18V)

8. Warranty and Support

RYOBI tools are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your product or visit the official RYOBI website. Warranty terms typically cover defects in material and workmanship.

Customer Support:

- For technical assistance, service, or replacement parts, please contact RYOBI customer service.
- Have your model number (PBLRC25B) and serial number ready when contacting support.

- Official RYOBI Website: www.ryobitools.com

© 2023 RYOBI. All rights reserved. This manual is for informational purposes only.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0B3JWF5ZV

More documents and user manuals: **https://manuals.plus/**