

Parkside Performance PASSP 20-Li C4

Parkside Performance 20V Cordless Impact Wrench PASSP 20-Li C4

Instruction Manual

1. INTRODUCTION

Thank you for choosing the Parkside Performance 20V Cordless Impact Wrench, model PASSP 20-Li C4. This powerful tool is designed for demanding fastening and loosening tasks, offering high torque and efficiency. This manual provides essential information for the safe and effective use, setup, operation, and maintenance of your impact wrench. Please read these instructions carefully before first use and keep them for future reference.

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions when using power tools to reduce the risk of fire, electric shock, and personal injury.

- **Work Area Safety:** Keep your 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 safety glasses, goggles, or a face shield. Wear hearing protection when operating the tool for extended periods. Dress properly; do not wear loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts.
- **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 Pack 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.
- **Service:** Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

3. PRODUCT OVERVIEW

The Parkside Performance PASSP 20-Li C4 is a robust cordless impact wrench featuring a brushless motor for extended durability and efficiency. It offers three selectable torque levels and integrated LED work light for optimal illumination.



The Parkside Performance 20V Cordless Impact Wrench, model PASSP 20-Li C4, shown with a 20V battery installed. This image highlights the tool's ergonomic design and robust construction.

Key Components:

- **1/2" Square Drive:** For attaching sockets.
- **Brushless Motor:** Provides high power and extended tool life.
- **Trigger Switch:** Controls tool speed and power.
- **Forward/Reverse Selector:** Changes rotation direction.
- **Torque Level Selector:** Allows selection of 3 torque levels with LED indicator.
- **LED Work Light:** Illuminates the work area.
- **Battery Interface:** Compatible with PARKSIDE X 20 V Team batteries.
- **Softgrip Handle:** For comfortable and secure handling.
- **Belt Clip:** For convenient carrying.

4. SETUP

4.1 Charging the Battery

Ensure the battery is fully charged before first use. Use only compatible Parkside X 20 V Team chargers.

1. Connect the charger to a power outlet.

2. Slide the battery pack onto the charger until it clicks into place.
3. Monitor the charging indicator lights on the charger. Once fully charged, remove the battery.



The Parkside X 20 V Team battery charger and a compatible 20V battery. The charger features a maximum charging current of 4.5A.

4.2 Installing the Battery

1. Align the battery pack with the battery interface on the tool handle.
2. Slide the battery into the tool until it locks securely into place. Ensure it is firmly seated to prevent accidental dislodgement during operation.

4.3 Attaching Sockets

The impact wrench uses a 1/2" square drive for sockets.

1. Select the appropriate 1/2" drive socket for your application.
2. Push the socket firmly onto the square drive until it clicks into place.
3. To remove, pull the socket off the square drive.



A close-up view of the Parkside Performance 20V Cordless Impact Wrench with a battery and a socket attached, ready for use. This image shows the tool's compact design.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off and Speed Control

The tool is activated by pressing the trigger switch. The speed is variable and controlled by the amount of pressure applied to the trigger.

- To start the tool, press the trigger switch.
- To increase speed, apply more pressure to the trigger.
- To stop the tool, release the trigger switch.

5.2 Forward/Reverse Rotation

The forward/reverse selector allows you to change the direction of rotation for fastening or loosening.

- For **forward rotation** (fastening), push the selector to the left.
- For **reverse rotation** (loosening), push the selector to the right.
- Ensure the tool is completely stopped before changing the direction of rotation.

5.3 Torque Level Selection

The impact wrench features three selectable torque levels to match the application requirements. Use the torque selector button to cycle through the levels.

- **Level 1:** Low torque (approx. 130 Nm) for delicate tasks.
- **Level 2:** Medium torque (approx. 400 Nm) for general applications.
- **Level 3:** High torque (approx. 1356 Nm) for heavy-duty fastening.

An LED indicator will show the currently selected torque level.

5.4 Using the LED Work Light

The integrated LED work light automatically illuminates when the trigger is pressed, providing better visibility in dimly lit areas.

5.5 PARKSIDE App Connectivity (for Smart Batteries)

When using PARKSIDE X 20 V PAPS smart batteries, you can connect to the PARKSIDE app for optimal performance. The app allows for individual device configuration and data monitoring, including intelligent control of charging cycles, thermal management, and overload protection.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your impact wrench.

6.1 Cleaning

- Always remove the battery pack before cleaning.
- Keep the ventilation openings clean and free from obstructions to prevent overheating.
- Wipe the tool housing with a soft, damp cloth. Do not use harsh cleaning agents or solvents.
- Clean the square drive regularly to ensure proper socket attachment.

6.2 Battery Care

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not store fully discharged batteries for extended periods. Recharge them periodically.
- Protect batteries from impact and moisture.

6.3 General Inspection

- Periodically check all screws and fasteners for tightness.
- Inspect the power tool for any signs of damage, such as cracks in the housing or worn parts. Do not operate a damaged tool.

7. TROUBLESHOOTING

If you encounter issues with your impact wrench, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly installed.	Ensure battery is fully charged and correctly inserted.
Reduced power or torque	Low battery charge; incorrect torque setting.	Recharge battery; select a higher torque level.
Tool stops during operation	Overload protection activated; battery depleted.	Reduce load; allow tool to cool; replace or recharge battery.
Socket does not attach securely	Square drive dirty or damaged; incorrect socket size.	Clean the square drive; ensure correct 1/2" drive socket is used.

8. SPECIFICATIONS

Detailed technical specifications for the Parkside Performance 20V Cordless Impact Wrench PASSP 20-Li C4.

Feature	Specification
Model Number	PASSP 20-Li C4
Operating Type	Battery-powered
Battery Voltage	20 V
No-load Speed	0-660 / 0-1250 / 0-1550 min ⁻¹
Max. Torque	130 / 400 / 1356 Nm (3 levels)
Impact Rate	0-500 / 0-1500 / 0-1900 min ⁻¹
Drive Size	1/2 inch square drive
Work Light	Integrated LED
Material	Plastic, Die-cast Aluminum
Dimensions (L x W x H)	Approx. 229 x 254 x 108 mm
Weight (without battery)	Approx. 2.98 kg
Included Accessories	3 x Sockets (1/2", 17-19-21 mm; length 75 mm), 1 x Adapter (1/2" to 3/4"), 1 x Parkside Performance Folding Rule (2 m, black), Storage Case

9. WARRANTY AND SUPPORT

This Parkside Performance product comes with a **5-year warranty**, ensuring quality and reliability. Please retain your proof of purchase for warranty claims.

For technical support, service, or warranty inquiries, please contact the manufacturer or your point of purchase. Refer to the product packaging or included documentation for specific contact details.

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