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Generisch PASSP 20-Li C4

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

Model: PASSP 20-Li C4

1. Product Overview

The Parkside Performance 20V Cordless Impact Wrench PASSP 20-Li C4 is a high-quality tool designed for automotive and general fastening tasks. This model features a powerful brushless motor for extended durability and reduced wear. It is compatible with all batteries from the PARKSIDE X 20 V Team series, offering optimal performance when used with PARKSIDE X 20 V PAPS smart batteries, which allow for individual device configuration and data monitoring via the PARKSIDE app.
Key features include:

- **Brushless Motor:** Ensures a long service life and high efficiency.
- **Smart App LED:** Illuminates when an active connection to the app is established.
- **Integrated Battery Management System:** Intelligently controls charging cycles, speed, thermal management, and overload protection.
- **3 Pre-selectable Torque Levels:** With LED indicator for precise control (130 Nm, 400 Nm, 1356 Nm).
- **Variable Speed and Impact Rate:** Adjustable via the switch button.
- **Forward and Reverse Function:** For tightening and loosening fasteners.
- **Integrated LED Work Light:** Provides optimal illumination of the work area.
- **Non-slip Softgrip Equipment:** For comfortable and secure handling.
- **Practical Belt Clip:** Includes a bottle opener function for convenience.
- **Carrying Case:** For easy transport and storage.



Image 1.1: The Parkside Performance 20V Cordless Impact Wrench. This image shows the main tool with its ergonomic design and key features visible.



Image 1.2: The impact wrench and its included accessories, neatly organized within the durable carrying case. The case provides protection and portability for the tool and its components.

2. Safety Information

Always observe basic safety precautions when using power tools to reduce the risk of fire, electric shock, and personal injury. Read and understand all instructions before operating this tool.

- **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 (e.g., pipes, radiators, ranges, refrigerators). Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use a dust mask, non-skid safety shoes, hard hat, or hearing protection for appropriate conditions. Dress properly; avoid 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. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs. When battery pack is not in use, keep it away from other metal objects.

- **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. Setup

Before initial use, ensure all components are present and undamaged. This set includes the impact wrench, three socket nuts (1/2" drive, 17-19-21 mm; 75 mm length), one 1/2 inch to 3/4 inch adapter, and a Parkside Performance folding rule (2m, black).

3.1. Battery Installation

1. Ensure the impact wrench is switched off.
2. Align the battery pack (not included with this variant, compatible with PARKSIDE X 20 V Team series) with the battery port at the base of the tool handle.
3. Slide the battery pack into the port until it clicks securely into place. Ensure it is fully seated to prevent accidental dislodging during operation.
4. To remove the battery, press the release button(s) on the battery pack and slide it out.

3.2. Accessory Attachment

1. Ensure the tool is switched off and the battery is removed before attaching or removing accessories.
2. Select the appropriate socket nut (17mm, 19mm, or 21mm) or the 1/2 inch to 3/4 inch adapter for your task.
3. Push the chosen accessory onto the 1/2" square drive of the impact wrench until it locks securely.
4. To remove, pull the accessory firmly off the drive.



Image 3.1: The included Parkside Performance folding rule (2m, black), a useful accessory for various tasks.

4. Operating Instructions

Once the battery is installed and the desired accessory is attached, the impact wrench is ready for operation.

4.1. Powering On/Off and Speed Control

- To start the tool, press the trigger switch. The speed and impact rate are variable and controlled by the pressure applied to the trigger.
- To stop the tool, release the trigger switch.

4.2. Torque Level Selection

The impact wrench offers three pre-selectable torque levels, indicated by LEDs. Use the torque selection button to cycle through the settings:

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

Always select the appropriate torque level for the fastener and material to prevent damage.

4.3. Forward/Reverse Function

A switch, typically located above the trigger, controls the direction of rotation:

- Push the switch to the left for forward rotation (tightening).
- Push the switch to the right for reverse rotation (loosening).
- Position the switch in the center to lock the trigger and prevent accidental starting.

4.4. LED Work Light

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

4.5. Belt Clip

The practical belt clip allows for convenient temporary storage of the tool when not in immediate use. It also features an integrated bottle opener.

5. Maintenance

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

5.1. Cleaning

- Always remove the battery pack before cleaning.
- Keep the ventilation openings clean to prevent overheating. Use a soft brush or compressed air to clear dust and debris.
- Wipe the tool housing with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

5.2. Storage

- Store the impact wrench and accessories in its original carrying case in a dry, secure place, out of reach of children.
- Ensure the battery is removed from the tool before storage.

5.3. Battery Care

- Charge batteries fully before storage and periodically during long storage periods to maintain battery health.
- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.

5.4. Inspection

- Periodically inspect the tool for any signs of damage, wear, or loose parts.
- If any damage is found, do not use the tool. Contact qualified service personnel for repair.

6. Troubleshooting

This section addresses common issues you might encounter with your impact wrench.

Problem	Possible Cause	Solution
Tool does not start.	Battery not inserted correctly or discharged. Trigger lock engaged.	Ensure battery is fully inserted and charged. Disengage the trigger lock.
Reduced power or performance.	Battery low. Incorrect torque setting. Overload protection activated.	Recharge battery. Select a higher torque level. Allow tool to cool down if overheated.
Tool overheats.	Prolonged heavy use. Blocked ventilation.	Allow tool to cool down. Clear any obstructions from ventilation openings.
Accessory not holding securely.	Accessory not fully seated. Drive square worn.	Push accessory firmly until it locks. If wear is evident, contact service for inspection.

7. Specifications

Technical data for the Parkside Performance 20V Cordless Impact Wrench PASSP 20-Li C4:

- **Model Number:** PASSP 20-Li C4 Set
- **Operating Mode:** Battery-powered
- **Battery Voltage:** 20 V
- **No-load Rotation Speed:** 0–660 / 0–1250 / 0–1550 min^{-1}
- **Max. Torque:** 130 / 400 / 1356 Nm
- **Torque Levels:** 3
- **Impact Frequency:** 0-500 / 0-1500 / 0-1900 min^{-1}
- **Chuck Size:** 1/2 inch (12.7 mm)
- **Work Light:** Yes (Integrated LED)
- **Storage Case:** Yes
- **Materials:** Plastic, Die-cast Aluminum
- **Dimensions (L x W x H):** Approx. 25.4 x 22.9 x 10.8 cm
- **Weight:** Approx. 2.98 kg (without battery)
- **Included Accessories:** 3 x Socket nuts (1/2" drive, 17 - 19 - 21 mm; 75 mm length), 1 x 1/2 inch to 3/4 inch adapter, 1 x Parkside Performance folding rule (2m, black)

8. Warranty and Support

This Parkside Performance product is designed for durability and reliability. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Parkside Performance website. Typically, power tools come with a manufacturer's warranty covering defects in materials and workmanship.
In case of technical issues, questions, or warranty claims, please contact the retailer or the manufacturer's customer support. Ensure you have your proof of purchase and the product model number (PASSP 20-Li C4) available when seeking support.

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