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## Parkside PSBSA 20-Li C3

# Parkside PSBSA 20-Li C3 Cordless Impact Drill Driver User Manual

Model: PSBSA 20-Li C3

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Parkside PSBSA 20-Li C3 Cordless Impact Drill Driver. Please read these instructions carefully before using the tool and keep them for future reference. This tool is designed for drilling, impact drilling, and screwdriving tasks in various materials.

## 2. SAFETY INSTRUCTIONS

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep this manual accessible for all users.

### General Safety Warnings:

- **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:** Power tool plugs must match the outlet. Never modify the plug in any way. Avoid body contact with earthed or grounded surfaces.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating impact tools. Dress properly; do not wear loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts.
- **Power Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source and/or remove the battery pack before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

## 3. PRODUCT COMPONENTS AND PACKAGE CONTENTS

The Parkside PSBSA 20-Li C3 Cordless Impact Drill Driver package includes the following items:

- Parkside PSBSA 20-Li C3 Cordless Impact Drill Driver
- Additional Screw-on Handle

- Magnetic Bit Holder (integrated)
- Belt Clip with Bottle Opener Function
- Plastic Carrying Case
- User Manual (this document)

*Note: Battery and charger are not included and must be purchased separately. This tool is compatible with all batteries from the PARKSIDE X 20 V Team series.*



**Figure 1:** The Parkside PSBSA 20-Li C3 Cordless Impact Drill Driver. This image shows the main unit with the additional handle attached and the battery slot at the base. The chuck, speed selector, and LED light are visible.



**Figure 2:** The additional screw-on handle and two screwdriver bits. The handle provides extra grip and control during operation, and the bits are common accessories for screwdriving tasks.



**Figure 3:** The green plastic carrying case. This case is designed to store and transport the drill driver and its accessories safely.

## 4. SETUP

### 4.1 Attaching the Additional Handle

1. Unscrew the handle from the main unit if it is already attached.
2. Position the handle on either the left or right side of the drill head, depending on your preference.
3. Screw the handle firmly into place until secure.

### 4.2 Inserting/Removing the Battery Pack

Ensure the tool is switched off before handling the battery.

- **To Insert:** Slide a fully charged PARKSIDE X 20 V Team battery pack into the base of the tool until it clicks into place.
- **To Remove:** Press the release button on the battery pack and slide it out of the tool.

### 4.3 Installing/Removing Drill Bits or Screwdriver Bits

The tool features a metal keyless chuck with radial lock.

1. Rotate the chuck counter-clockwise to open the jaws.
2. Insert the desired drill bit or screwdriver bit into the chuck. Ensure it is centered.
3. Rotate the chuck clockwise to tighten the jaws securely around the bit. The radial lock ensures a firm grip.
4. To remove, rotate the chuck counter-clockwise to loosen the jaws and pull out the bit.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Function Selection (Drilling, Impact Drilling, Screwdriving)

A selector switch on the top of the tool allows you to choose between three modes:

- **Screwdriving Mode:** For driving and removing screws.
- **Drilling Mode:** For drilling into wood, metal, and plastic without impact.
- **Impact Drilling Mode:** For drilling into masonry and concrete with impact action.

Rotate the selector ring to the desired symbol.

### 5.2 Torque and Speed Settings

- **Torque Settings (Screwdriving Mode):** The torque ring allows adjustment of the tightening force. There are 20 torque settings plus a drilling setting and an impact setting. Select a lower setting for smaller screws or softer materials and a higher setting for larger screws or harder materials.
- **Speed Selection (Gearbox):** The tool features a 2-speed gearbox.
  - **Gear 1 (Low Speed, High Torque):** Ideal for screwdriving and drilling large diameters. (0-440 rpm)
  - **Gear 2 (High Speed, Low Torque):** Suitable for fast drilling with smaller diameters. (0-1650 rpm)

Use the gear selector switch on top of the tool to change between speeds.

### 5.3 On/Off Switch and Speed Control

The trigger switch controls the tool's operation. Pressing the trigger activates the tool and the integrated LED work light. The speed is continuously variable depending on how far the trigger is pressed. Releasing the trigger activates the Quickstop function, stopping the chuck rapidly.

### 5.4 Rotation Direction (Forward/Reverse)

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

- Push the switch to the left for forward rotation (clockwise, for drilling and tightening screws).
- Push the switch to the right for reverse rotation (counter-clockwise, for loosening screws).
- When the switch is in the center position, the trigger is locked, preventing accidental activation.

## 6. MAINTENANCE

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

### 6.1 Cleaning

- Always remove the battery pack before cleaning.
- Keep the ventilation slots clean to prevent overheating.
- Wipe the tool housing with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Do not immerse the tool in water.

## 6.2 Storage

- Store the tool in its plastic carrying case in a dry, secure place, out of reach of children.
- Ensure the battery is removed before storage.
- Avoid storing in direct sunlight or extreme temperatures.

## 6.3 General Checks

- Periodically check all screws and fasteners for tightness.
- Inspect the chuck for wear or damage.
- Ensure the ventilation openings are clear of dust and debris.

## 7. TROUBLESHOOTING

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If you encounter issues with your Parkside PSBSA 20-Li C3, refer to the following table:

Problem	Possible Cause	Solution
Tool does not start.	Battery not inserted correctly or discharged. Direction switch in center (locked) position.	Ensure battery is fully charged and properly inserted. Move direction switch to forward or reverse.
Reduced power or speed.	Battery charge low. Incorrect gear selected.	Recharge battery. Select appropriate gear for the task.
Chuck not holding bit securely.	Chuck not tightened sufficiently. Bit shank is dirty or damaged.	Tighten chuck firmly. Clean or replace the bit.
Overheating during use.	Ventilation slots blocked. Continuous heavy load.	Clean ventilation slots. Allow tool to cool down. Reduce load.

If the problem persists after attempting these solutions, please contact customer support.

## 8. TECHNICAL SPECIFICATIONS

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<b>Model:</b>	PSBSA 20-Li C3
<b>Brand:</b>	Parkside
<b>Voltage:</b>	20 V
<b>Max. Torque:</b>	45 Nm
<b>No-load Speed (1st Gear):</b>	0-440 rpm
<b>No-load Speed (2nd Gear):</b>	0-1650 rpm
<b>Impact Rate:</b>	26400 bpm
<b>Torque Settings:</b>	20 + 1 drilling + 1 impact
<b>Chuck Clamping Range:</b>	1.5 - 13 mm
<b>Max. Drilling Diameter (Wood):</b>	35 mm

<b>Max. Drilling Diameter (Steel/Masonry):</b>	13 mm
<b>Dimensions (Tool):</b>	Approx. 23.5 x 19.5 x 7.56 cm (L x H x W)
<b>Weight (Tool):</b>	Approx. 1.415 kg (without battery)
<b>Material:</b>	Plastic, Fiberglass

## 9. WARRANTY AND SUPPORT

Information regarding warranty terms and conditions is typically provided with your purchase documentation or on the manufacturer's official website. Please retain your proof of purchase for any warranty claims.

For technical support, spare parts, or service inquiries, please refer to the contact information provided by your retailer or the official Parkside customer service channels. Details are usually found in the packaging or on the product's dedicated support page online.

### Related Documents - PSBSA 20-Li C3

 <p>/// PARKSIDE PERFORMANCE</p> <p>20V CORDLESS DRILL DRIVER PABSP 20 Li C4</p> <p>20V CORDLESS DRILL DRIVER 20V CORDLESS DRILL DRIVER 20 V AKKU-SCHLAGBOHRSCHEIBE 20 V AKKU-SCHLAGBOHRSCHEIBE 20 V WICHTEIN-WEICHTANNA</p> <p>IAN 485609_2501</p>	<p><a href="#">PARKSIDE 20V Cordless Drill Driver PABSP 20 Li C4 User Manual</a></p> <p>Comprehensive user manual for the PARKSIDE 20V Cordless Drill Driver (PABSP 20 Li C4). Learn about its features, intended use, safety guidelines, operation, and maintenance for efficient DIY projects. Visit <a href="http://parkside-diy.com">parkside-diy.com</a> for more.</p>
 <p>/// PARKSIDE PERFORMANCE</p> <p>2-GANG-AKKU-SCHLAGBOHRSCHEIBE PSBSA 20-Li A1</p> <p>2-GANG-AKKU-SCHLAGBOHRSCHEIBE 2-GANG-AKKU-SCHLAGBOHRSCHEIBE</p> <p>IAN 281992</p>	<p><a href="#">Parkside PSBSA 20-Li A1 2-Speed Cordless Impact Drill - User Manual</a></p> <p>Comprehensive operating instructions and safety manual for the Parkside PSBSA 20-Li A1 2-Speed Cordless Impact Drill, covering features, intended use, technical data, safety guidelines, maintenance, and warranty.</p>
 <p>/// PARKSIDE PERFORMANCE</p> <p>CORDLESS IMPACT DRIVER PDSSA 20-Li A1</p> <p>CORDLESS IMPACT DRIVER PDSSA 20-Li A1</p> <p>IAN 282493</p>	<p><a href="#">PARKSIDE PDSSA 20-Li A1 Accu-Slagschroefmachine Gebruikershandleiding</a></p> <p>Ontdek de PARKSIDE PDSSA 20-Li A1 accu-slagschroefmachine, een krachtig 20V gereedschap voor schroeven en moeren. Deze handleiding biedt essentiële veiligheidsinstructies, gebruiksaanwijzingen, onderhoudstips en garantie-informatie voor optimale prestaties en levensduur.</p>

<p><b>/// PARKSIDE</b></p>  <p>3-IN-1 CORDLESS IMPACT DRIVER 20V PSBSA 20-Li D4</p> <p>PDF ONLINE</p> <p>IAN 436783_2304</p>	<p><a href="#">Parkside 3-in-1 Cordless Impact Driver 20V PSBSA 20-Li D4 User Manual</a></p> <p>This manual provides comprehensive instructions for the Parkside 3-in-1 Cordless Impact Driver 20V PSBSA 20-Li D4, covering its intended use for screwing, drilling, and impact drilling in various materials, safety warnings, operation, maintenance, and technical specifications. It is designed for efficient and safe use of the power tool.</p>
<p><b>/// PARKSIDE</b></p>  <p>20V CORDLESS IMPACT WRENCH PASSP 20-Li C4</p> <p>PDF ONLINE</p> <p>IAN 458751_2401</p>	<p><a href="#">PARKSIDE 20V Cordless Impact Wrench PASSP 20-Li C4 User Manual</a></p> <p>Comprehensive user manual for the PARKSIDE 20V Cordless Impact Wrench PASSP 20-Li C4, detailing its features, operation, safety instructions, and technical specifications. Compatible with the PARKSIDE X 20 V TEAM series.</p>
<p><b>/// PARKSIDE</b></p>  <p>AKKU-SCHLAGBOHRSCHRAUBER PSBSA 18-Li B2</p> <p>PDF ONLINE</p> <p>IAN 2777291</p>	<p><a href="#">PARKSIDE AKKU-SCHLAGBOHRSCHRAUBER PSBSA 18-Li B2 Bedienungsanleitung und Sicherheitshinweise</a></p> <p>Umfassende Bedienungsanleitung und Sicherheitshinweise für den PARKSIDE Akku-Schlagbohrschauber PSBSA 18-Li B2, einschließlich Bedienung, Wartung und technische Daten.</p>