

Parkside Performance PBSPA 12 D4

Parkside Performance 12V Cordless Drill Driver PBSPA 12 D4 User Manual

Model: PBSPA 12 D4

1. INTRODUCTION

Thank you for choosing the Parkside Performance 12V Cordless Drill Driver PBSPA 12 D4. This manual provides important information regarding the safe operation, proper use, and maintenance of your new tool. Please read this manual thoroughly before first use and keep it for future reference. Familiarize yourself with all operating controls and safety guidelines.



Image 1: Parkside Performance 12V Cordless Drill Driver PBSPA 12 D4. This image displays the drill driver unit, highlighting its compact design and ergonomic grip. The tool is shown with a battery attached, ready for use.

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions when using power tools to reduce the risk of fire, electric shock, and personal injury. Keep your work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.

2.1 General Power Tool Safety Warnings

- **Work Area Safety:** Keep children and bystanders away while operating a power tool. Distractions can cause

you to lose control.

- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating for extended periods. Dress properly; avoid loose clothing or jewelry.
- **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. PACKAGE CONTENTS

Carefully unpack the device and check for completeness. Ensure all components are present and undamaged. If any parts are missing or damaged, contact customer service.

- 1 x Parkside Performance 12V Cordless Drill Driver PBSPA 12 D4
- 2 x 12V (2 Ah) Lithium-ion Batteries
- 1 x 2.4 A Charger with Automatic Shut-off
- 7 x HSS Metal Drill Bits
- 7 x Wood Drill Bits
- 1 x 25-piece Bit Set
- 1 x Storage Bag
- 1 x User Manual (This document)

4. PRODUCT OVERVIEW

The Parkside Performance 12V Cordless Drill Driver PBSPA 12 D4 features a brushless motor for extended lifespan and reduced wear. It includes a powerful 12V Lithium-ion battery system with cell balancing for increased battery life and maximized charging potential.

4.1 Key Features

- **Brushless Motor:** For enhanced efficiency and durability.
- **2-Speed Gearbox:** With continuously variable speed control.
- **Removable Metal Keyless Chuck:** For quick and easy bit changes.
- **20+1 Torque Settings:** 20 pre-selectable torque levels plus a dedicated drilling mode.
- **Automatic Spindle Lock (SPINDLE LOCK):** For secure bit retention.
- **Integrated LED Work Light:** Illuminates the workpiece.
- **3-Level Battery Status Indicator:** On the device for convenient monitoring.
- **Softgrip Features:** For comfortable and secure handling.
- **Quick Stop Function:** For immediate cessation of rotation.

5. SETUP

5.1 Battery Charging

1. Connect the charger to a suitable power outlet.
2. Slide the battery pack onto the charger. Ensure it clicks into place.
3. The charger's indicator light will show the charging status. Refer to the charger's specific instructions for light indications.
4. Once fully charged, the charger will automatically shut off. Disconnect the battery from the charger.

Note: Always charge batteries in a well-ventilated area. Do not charge damaged batteries.

5.2 Battery Installation and Removal

- **Installation:** Align the battery pack with the base of the drill driver and slide it in until it clicks securely into place.
- **Removal:** Press the battery release button (usually located on the side of the battery) and slide the battery pack out.

5.3 Chuck Operation (Bit/Drill Installation)

1. Ensure the drill driver is switched off and the battery is removed for safety.
2. To open the chuck, hold the rear part of the chuck and rotate the front part counter-clockwise until the jaws are wide enough for your bit.
3. Insert the drill bit or screwdriver bit fully into the chuck jaws.
4. To tighten, hold the rear part of the chuck and rotate the front part clockwise until the bit is securely clamped. Do not overtighten.
5. The chuck is removable. To remove the entire chuck, rotate it counter-clockwise past the fully open position until it detaches. To reattach, align and rotate clockwise until secure.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off and Speed Control

- The tool is switched on by pressing the trigger switch. The speed is continuously variable depending on how far the trigger is pressed.
- Release the trigger switch to turn off the tool. The Quick Stop function will immediately stop the rotation.

6.2 Direction of Rotation

Use the forward/reverse selector switch (typically located above the trigger) to select the desired direction of rotation. Push it left for forward (screwing in) and right for reverse (screwing out). Position it in the middle to lock the trigger and prevent accidental startup.

6.3 Torque Settings and Drilling Mode

- The torque setting ring (located behind the chuck) allows you to select from 20 torque levels. Choose a lower setting for smaller screws or softer materials, and a higher setting for larger screws or harder materials.
- For drilling, rotate the ring to the drill symbol. This bypasses the clutch and provides maximum power for drilling applications.

6.4 Gear Selection

The drill driver features a 2-speed gearbox. Use the gear selector switch (usually on top of the tool):

- **Gear 1 (Low Speed):** For high torque applications like driving large screws or drilling large holes. (0-460 min⁻¹)
- **Gear 2 (High Speed):** For faster drilling in smaller diameters or light screwdriving. (0-1750 min⁻¹)

Caution: Do not change gears while the motor is running.

6.5 LED Work Light

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

6.6 Battery Status Indicator

The 3-level battery status indicator on the device provides an approximate indication of the remaining battery charge. Refer to the battery's specific instructions for detailed interpretation.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tool.

7.1 Cleaning

- Keep the ventilation slots of the tool clean to prevent overheating.
- Wipe the tool housing with a soft, damp cloth. Do not use harsh cleaning agents or solvents.
- Clean the chuck jaws regularly to ensure proper gripping of bits.

7.2 Storage

- Store the tool and accessories in the provided storage bag in a dry, dust-free place, out of reach of children.
- For long-term storage, ensure batteries are partially charged (around 50%) and stored at room temperature.

8. TROUBLESHOOTING

If you encounter issues with your drill driver, consult the following table before contacting customer service.

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or incorrectly inserted	Charge battery; ensure battery is fully inserted until it clicks.
Reduced power/performance	Battery low or incorrect torque setting	Recharge battery; adjust torque setting or switch to drilling mode.
Bit slips in chuck	Chuck not tightened sufficiently or bit shank is dirty	Tighten chuck firmly; clean bit shank before insertion.
Overheating	Blocked ventilation slots or continuous heavy use	Clean ventilation slots; allow tool to cool down.

9. TECHNICAL SPECIFICATIONS

Specification	Value
Model	PBSPA 12 D4
Brand	Parkside Performance
Battery Type	Lithium-ion
Battery Voltage	12 V
Battery Capacity	2 Ah
Max. Torque	35 Nm
No-load Speed (1st Gear)	0-460 min ⁻¹
No-load Speed (2nd Gear)	0-1750 min ⁻¹
Torque Settings	20 + 1 drilling mode
Chuck Clamping Range	0.8 - 10 mm
Max. Drilling Diameter (Wood)	19 mm
Max. Drilling Diameter (Steel)	10 mm
Charger Output Current	2.4 A
Material	Plastic, Steel
Dimensions (without battery)	Approx. 17 x 5.7 x 19 cm
Weight (without battery)	Approx. 757 g

10. WARRANTY AND SUPPORT

This product is manufactured with care and undergoes strict quality controls. For warranty claims, please retain your receipt as proof of purchase. If you experience any issues or require technical assistance, please contact the retailer or the manufacturer's customer service department. Information regarding spare parts availability is currently not available.

For further information or support, please refer to the official Parkside Performance website or contact your local distributor.



[Parkside PDSSAP 12 A1 12V Cordless Impact Driver User Manual](#)

Official user manual for the Parkside PDSSAP 12 A1 12V Cordless Impact Driver. Contains detailed safety instructions, operating procedures, technical specifications, maintenance, and warranty information. Available in multiple languages.



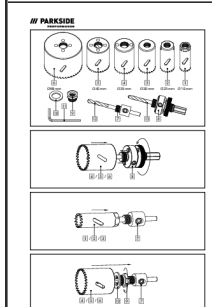
PARKSIDE PERFORMANCE PPDSSA 12 A1 Akku-Drehschlagschrauber Bedienungsanleitung

Die offizielle Bedienungsanleitung für den PARKSIDE PERFORMANCE PPDSSA 12 A1 Akku-Drehschlagschrauber. Enthält umfassende Informationen zu Sicherheit, Bedienung, Wartung und technischen Daten für Heimwerker.



PARKSIDE PPWSFA 20-Li C4 Akku-Flachkopf-Winkelschleifer Bedienungsanleitung

Umfassende Bedienungsanleitung für den PARKSIDE PPWSFA 20-Li C4 Akku-Flachkopf-Winkelschleifer. Enthält Sicherheitshinweise, Bedienung, Wartung und technische Daten für Heimwerker.



PARKSIDE PERFORMANCE Carbide Hole Saw Set - User Manual and Specifications

Comprehensive guide for the PARKSIDE PERFORMANCE Carbide Hole Saw Set, including parts list, technical specifications, usage recommendations, and service information.



PARKSIDE PERFORMANCE PPBSTA 20-Li A1 Akku-LED-Strahler Bedienungsanleitung

Erfahren Sie alles über den PARKSIDE PERFORMANCE PPBSTA 20-Li A1 Akku-LED-Strahler. Diese Bedienungsanleitung bietet detaillierte Informationen zur sicheren Verwendung, Funktionen und Wartung des leistungsstarken LED-Strahlers.



PARKSIDE PERFORMANCE 20V / 4Ah SMART BATTERY PAPS 204 B1 Instruction Manual

User manual for the PARKSIDE PERFORMANCE 20V / 4Ah SMART BATTERY (PAPS 204 B1) by OWIM GmbH & Co. KG, covering safety, operation, app features, maintenance, and warranty.

