

## Parkside PDSSA 20-Li A1

# PARKSIDE Cordless Impact Screwdriver PDSSA 20-Li A1 20V - Instruction Manual

Model: PDSSA 20-Li A1 | Part Number: DREAMKY

## 1. INTRODUCTION

This instruction manual provides important information for the safe and proper operation, maintenance, and troubleshooting of your PARKSIDE Cordless Impact Screwdriver PDSSA 20-Li A1 20V. Please read this manual thoroughly before first use and keep it for future reference.

The PARKSIDE Cordless Impact Screwdriver is designed for driving and removing screws, particularly for metal screws up to M8 and wood screws up to 8 mm diameter. It features an infinitely adjustable speed, integrated LED lighting, and a robust design for high power applications.

## 2. SAFETY INFORMATION

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:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use 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. Disconnect the plug from the power source and/or remove the battery pack before making any adjustments, changing accessories, or storing power tools.
- **Battery Pack Use and Care:** Recharge only with the charger specified by the manufacturer. Do not use battery packs with any other power tools. When battery pack is not in use, keep it away from other metal objects.

### 3. PRODUCT OVERVIEW

---

Familiarize yourself with the components of your PARKSIDE Cordless Impact Screwdriver.



*Image: The PARKSIDE Cordless Impact Screwdriver, showing its green and black body, red accents, and battery attachment point.*

- **Hexagonal Socket Tool Holder:** For quick release system of bits.
- **Speed Trigger:** Infinitely adjustable speed control.
- **Forward/Reverse Switch:** For changing rotation direction.
- **Integrated LED Lighting:** Illuminates the work area.
- **Belt Clip:** For convenient carrying.
- **Magnetic Bit Holders:** One on each side for storing bits.
- **Battery Pack:** Compatible with PARKSIDE X 20 V Team series.

### 4. SETUP

---

#### 4.1. Charging the Battery

The tool operates with a 20V Lithium-ion battery. Ensure the battery is fully charged before first use.



*Image: A PARKSIDE 20V Lithium-ion battery and its dedicated charger.*

1. Connect the charger to a suitable power outlet.
2. Slide the battery pack onto the charger until it clicks into place.
3. The charger's indicator light will show the charging status. A full charge typically takes approximately 60 minutes.
4. Once fully charged, disconnect the charger from the power outlet and remove the battery pack.

## 4.2. Attaching/Removing the Battery

- **Attaching:** Align the battery pack with the base of the impact screwdriver and slide it in until it locks securely.
- **Removing:** Press the release button(s) on the battery pack and slide it out from the tool.

## 4.3. Installing/Changing Bits

The tool features a ¼ inch hexagonal socket tool holder with a quick release system.



*Image: Example of hexagonal screwdriver bits and a ¼ inch square adapter.*

1. Pull the quick release collar forward.
2. Insert the desired ¼ inch hex bit or adapter into the tool holder.
3. Release the collar to lock the bit in place. Ensure the bit is securely fastened before operation.

## 5. OPERATING INSTRUCTIONS

### 5.1. Powering On/Off and Speed Control

- To turn the tool on, press the speed trigger. The integrated LED lighting will activate.
- The speed is infinitely adjustable by varying the pressure on the speed trigger. More pressure results in higher speed.
- To turn the tool off, release the speed trigger.

### 5.2. Changing Rotation Direction (Forward/Reverse)

The forward/reverse switch is located above the speed trigger.

- Push the switch to the left for forward rotation (for driving screws).

- Push the switch to the right for reverse rotation (for removing screws).
- When the switch is in the center position, the trigger is locked, preventing accidental activation.

### 5.3. Using the Impact Mechanism

The impact screwdriver features an automatic percussion mechanism for high torque applications. This mechanism engages automatically when resistance is met, providing additional rotational force to drive stubborn fasteners.

- Apply firm, steady pressure to the tool while driving.
- Allow the impact mechanism to do the work; do not try to force the screw.

## 6. MAINTENANCE

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

- **Cleaning:** Keep the ventilation openings clean and free from dust. Use a soft, damp cloth to clean the tool's exterior. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the tool, battery, and charger in a dry, cool place, away from direct sunlight and moisture. Ensure the battery is partially charged (not fully discharged or fully charged) for long-term storage.
- **Battery Care:** Do not expose batteries to extreme temperatures or direct sunlight. Do not short-circuit the battery terminals.
- **Inspection:** Periodically inspect the tool for any signs of damage, loose screws, or worn parts. If any damage is found, have it repaired by a qualified service technician before further use.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start.	Battery not charged or not properly inserted. Forward/reverse switch in center (locked) position.	Charge battery and ensure it is securely inserted. Move forward/reverse switch to either forward or reverse position.
Reduced power or performance.	Battery charge is low. Bit is worn or incorrect for the task.	Recharge the battery. Replace the bit or use a more appropriate one.
Tool overheats.	Continuous heavy use. Blocked ventilation openings.	Allow the tool to cool down. Clear any obstructions from ventilation openings.

## 8. SPECIFICATIONS

Feature	Detail
Model	PDSSA 20-Li A1
Part Number	DREAMKY
Brand	Parkside

Feature	Detail
Voltage	20 V
Battery Type	Lithium-Ion (2 Ah)
Maximum Rotation Torque	180 Nm
Rated Typing Frequency	0-3,600 rpm
No-load Speed	0-2,800 rpm
Tool Holder	¼ inch Hexagonal Socket with Quick Release
Product Dimensions	22.9 x 9.7 x 19.3 cm
Item Weight	1.64 kg
Included Components	Battery, Charger, ¼ inch square adapter, 50 mm bit holder extension

## 9. WARRANTY AND SUPPORT

### 9.1. Warranty Information

This PARKSIDE product comes with a **3-year guarantee**. Please retain your purchase receipt in good condition as proof of purchase for warranty claims. The guarantee is dependent on the original purchase receipt and is not registered online.

### 9.2. Customer Support

For technical assistance, spare parts, or warranty claims, please contact the retailer or the manufacturer's customer service department. Refer to your purchase documentation for specific contact details.

