

TEENO 5819-CJ-BL1

TEENO PSR 21V Cordless Impact Drill Instruction Manual

Model: 5819-CJ-BL1

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your TEENO PSR 21V Cordless Impact Drill. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage.

The TEENO PSR 21V Cordless Impact Drill is designed for drilling into wood, metal, plastic, and for screwdriving tasks. It features a powerful motor, two-speed settings, and adjustable torque for versatile applications.

2. SAFETY INSTRUCTIONS

General Power Tool 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. Power tools create sparks which may ignite the dust or fumes.
- **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 your 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. The correct power tool will do the job better and safer at the rate for which it was designed. Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool 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. Use of any other battery packs may create a risk of injury and fire.

3. PRODUCT OVERVIEW AND COMPONENTS

The TEENO PSR 21V Cordless Impact Drill comes with a comprehensive set of accessories to support various tasks. Familiarize yourself with the main components and included items.



Figure 1: TEENO PSR 21V Cordless Impact Drill with included batteries and charger.

Main Components:

- Cordless Impact Drill Unit
- 2 x 21V Lithium-Ion Batteries
- Battery Charger
- Plastic Carrying Case
- Professional Gloves

Included Accessories:



Figure 2: Detailed view of included accessories. This includes 3 ceramic drill bits, 3 wood drill bits, 3 impact drill bits, 3 helical drill bits, 2 batteries, 1 carrying case, 3 screwdriver bit combinations, 3 flat drill bits, 1 pair of gloves, 1 charger, 1 flexible shaft, and 1 bubble level.

- 3 Ceramic Drill Bits
- 3 Wood Drill Bits
- 3 Impact Drill Bits
- 3 Helical Drill Bits
- 3 Screwdriver Bit Combinations
- 3 Flat Drill Bits
- 1 Flexible Shaft
- 1 Bubble Level
- Professional Gloves

4. SETUP

4.1 Charging the Battery

Before first use, fully charge both lithium-ion batteries. Ensure the charger is connected to a standard power outlet.

1. Connect the charger to a power source.
2. Insert the battery pack into the charger.
3. The charging indicator lights on the battery will show the charging status.
4. Once fully charged, remove the battery from the charger.

Figure 3: Battery insertion and real-time power display. To insert, slide the battery into the slot. To remove, press the button down firmly and pull the battery outwards. The power display shows charge levels: 100% (3 green bars), 50% (2 orange bars), 10% (1 red bar).

4.2 Installing/Removing Drill Bits or Screwdriver Bits

1. Ensure the drill is switched off and the forward/reverse switch is in the center (locked) position.
2. Rotate the chuck counter-clockwise to open the jaws.
3. Insert the desired drill bit or screwdriver bit into the chuck. Ensure it is seated firmly.
4. Rotate the chuck clockwise to tighten the jaws securely around the bit.
5. To remove, rotate the chuck counter-clockwise and pull the bit out.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off and Speed Control

- **Power On/Off:** Press the trigger switch to turn the drill on. Release the trigger to turn it off.
- **Variable Speed:** The trigger switch provides variable speed control. Pressing the trigger further increases the speed.
- **2-Speed Gearbox:** Use the speed selector switch located on top of the drill to choose between two speed ranges:
 - **Low Speed (LO: 0-550 RPM):** For screwdriving and drilling large diameter holes.
 - **High Speed (HI: 0-1550 RPM):** For drilling small diameter holes and faster drilling.

Figure 4: Drill features overview. Includes LED work light for improved visibility, battery charge indicator, forward/reverse button for easy bit changes, 2-speed selector (LO: 0-550 RPM, HI: 0-1550 RPM), and variable speed trigger for precise control.

5.2 Forward/Reverse Control

The forward/reverse switch is located above the trigger. Push it to the left for forward rotation (screwing in/drilling) and to the right for reverse rotation (removing screws/bits). Position it in the center to lock the trigger and prevent accidental startup.

5.3 Torque Adjustment (Clutch Settings)

The torque adjustment ring allows you to select the appropriate torque setting for your task. This prevents overtightening screws and damaging materials or screw heads. The drill features 18 torque settings plus 3 drilling functions (drill, impact drill, screwdriver).

- **Settings 1-5 (Screw):** For driving small screws into soft materials.
- **Settings 6-10 (Wood):** For driving medium screws into wood.
- **Settings 11-18 (Ceramic/Wall/Metal):** For driving larger screws into harder materials or for drilling.
- **Drill Symbol:** For general drilling without torque limitation.
- **Impact Drill Symbol:** For drilling into masonry or concrete.
- **Screwdriver Symbol:** For general screwdriving tasks.

Tip: When lifting or tightening screws, use the low-speed setting and choose a torque gear between 1-5. If the torque is too strong, the screw may be damaged.



Figure 5: Torque adjustment guide. The drill features 18+1 adjustable clutch settings. Lower settings (1-5) are for screws, mid-range (6-10) for wood, and higher settings (11-18) for ceramic, walls, or metal.

5.4 LED Work Light

The integrated LED work light illuminates the work area when the trigger is pressed, improving visibility in dimly lit spaces.

5.5 Application Examples



Figure 6: Examples of drill applications. The drill is shown drilling into wood, a wall stud, concrete, and driving a screw into metal.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your TEENO PSR 21V Cordless Impact Drill.

- **Cleaning:** Keep the ventilation openings of the tool clean to prevent overheating. Use a soft, damp cloth to clean the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Chuck Maintenance:** Periodically clean the chuck jaws to ensure proper grip on bits.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight. Do not store fully discharged batteries for extended periods. Recharge them periodically if not in use.
- **Storage:** Store the drill and its accessories in the provided carrying case in a dry, secure location, out of reach of children.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Drill does not start	Battery not charged or improperly inserted. Forward/reverse switch in center (locked) position.	Ensure battery is fully charged and correctly inserted. Move forward/reverse switch to forward or reverse position.
Loss of power during operation	Battery charge is low. Overload protection activated.	Recharge the battery. Reduce pressure on the tool or use a lower speed/torque setting.
Bit slips in chuck	Chuck not tightened sufficiently. Bit shank is dirty or damaged.	Tighten chuck firmly. Clean or replace the bit.
Excessive vibration or noise	Damaged or worn bit. Loose components.	Replace the bit. Check for loose parts and tighten if possible. If problem persists, contact customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	TEENO
Model Number	5819-CJ-BL1
Power Source	Battery (Lithium-Ion)
Voltage	21V
Battery Capacity	1500 mAh (2 Ah batteries included)
Max Torque	40 Newton-Meter
No-Load Speed (Low)	0-550 RPM
No-Load Speed (High)	0-1550 RPM
Chuck Size	10 mm (3/8 inch)
Torque Settings	18 + 3 (Drill, Impact, Screwdriver)
Max Drilling Capacity (Wood)	40 mm
Max Drilling Capacity (Metal)	40 mm
Product Dimensions (L x W x H)	33.5 x 10 x 25.3 cm
Material	Plastic

9. WARRANTY AND SUPPORT

TEENO products are designed with high-quality components and are backed by a warranty. For specific warranty details, please refer to the documentation included with your purchase or contact TEENO customer support.

If you encounter any issues or have questions regarding your TEENO PSR 21V Cordless Impact Drill, please contact our customer service team for assistance. Keep your purchase receipt and model number handy for faster service.

Manufacturer: TEENO

Manufacturer Part Number: TEENO-5816-25

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.

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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.

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