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Skil CB736701

SKIL PWRCore 12 Brushless 12V Drill Driver and Impact Driver Kit User Manual

Comprehensive instructions for the SKIL 2-Tool Drill Kit, including the PWRCore 12 Brushless 12V 1/2 Inch Cordless Drill Driver and 1/4 Inch Hex Impact Driver, batteries, and charger.

Introduction

This manual provides detailed instructions for the safe and effective operation, maintenance, and troubleshooting of your SKIL PWRCore 12 Brushless 12V 2-Tool Drill Kit. This kit includes a 1/2 Inch Cordless Drill Driver, a 1/4 Inch Hex Impact Driver, two 2.0Ah Lithium Batteries, and one PWRJump Charger.

The tools are designed for various home and DIY projects, offering compact power and efficiency. Please read this manual thoroughly before initial use to ensure proper handling and to maximize the lifespan of your tools.

Product Overview

SKIL 2-Tool Drill Kit Components



Image: The complete SKIL 2-Tool Drill Kit, featuring the 1/2 inch drill driver, 1/4 inch hex impact driver, and the PWRJump charger with a 2.0Ah battery.

SKIL PWRCore 12 Brushless 12V 1/2 Inch Cordless Drill Driver



Image: The SKIL PWRCore 12 Brushless 12V 1/2 Inch Cordless Drill Driver, shown with a battery attached. This tool is suitable for both light and heavy-duty drilling and driving tasks.

- **Compact Design:** Features a brushless motor for efficient and compact power.
- **Hybrid Chuck:** Allows insertion of 1/4 inch hex bits without tightening the chuck.
- **Keyless Chuck:** 1/2 inch single-sleeve keyless chuck for quick bit changes.
- **Variable Speed Trigger:** Offers 0-450 RPM (Low) and 0-1650 RPM (High) for versatile use.
- **Clutch Settings:** 17+1 clutch settings for precise torque control.
- **LED Light:** Integrated LED light illuminates the work area.

SKIL PWRCore 12 Brushless 12V 1/4 Inch Hex Impact Driver



Image: The SKIL PWRCore 12 Brushless 12V 1/4 Inch Hex Impact Driver, designed for driving screws and bolts through tougher materials.

- **Brushless Motor:** Provides compact power and efficiency.
- **Aluminum Gearbox:** Enhances durability.
- **1/4 Inch Collet:** For quick bit changes.
- **Halo Light:** Offers superior illumination compared to standard LEDs.
- **Two-Speed Torque Selection:** Provides up to 1100 inch-pounds of torque.

Your browser does not support the video tag.

Video: An overview of the SKIL PWRCore 12 Brushless 12V 1/4 Inch Hex Cordless Impact Driver, highlighting its features and capabilities.

SKIL PWRCore 12 2.0Ah Lithium Battery



Image: The SKIL PWRCore 12 2.0Ah Lithium Battery, featuring a PWR Assist Mobile Charging USB port for charging other devices.

- **Extended Run Time:** Offers 33% longer run time compared to 1.5Ah batteries.
- **Lithium Cooling Technology:** Cells are wrapped with temperature management material for longer battery life and sustained power.
- **Fuel Gauge:** Green LED display indicates battery capacity.
- **PWR Assist Mobile Charging:** Built-in USB port (5V 1.0A output) for charging mobile devices.

SKIL PWRCore 12 PWRJump Charger



Image: The SKIL PWRCore 12 PWRJump Charger with a battery inserted, demonstrating its quick charging capability.

- **Fast Charging:** Charges battery up to 25% in 5 minutes (by pressing the PWRJump button), and fully charges in 45 minutes.
- **Charge Status Display:** On-board display shows battery charge status.
- **Mobile Charging Output:** 5V 1.0A USB output.
- **Wall Mountable:** Features back holes for convenient wall mounting.

Setup

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all items listed in the "Included Components" section of the specifications are present.
2. **Battery Charging:**
    - Connect the PWRJump Charger to a standard electrical outlet.
    - Slide a PWRCore 12 Lithium Battery onto the charger until it clicks into place.

- The charger's indicator lights will show the charging status. For a quick charge, press the PWRJump button. A full charge typically takes 45 minutes.
- Once fully charged, remove the battery from the charger.

3. **Attaching Battery to Tool:** Align the charged battery with the base of the drill driver or impact driver and slide it on until it securely locks into place.
4. **Installing Bits:**
   - **Drill Driver:** Open the 1/2 inch keyless chuck by rotating it counter-clockwise. Insert the desired drill bit or 1/4 inch hex bit (using the hybrid chuck feature) and tighten the chuck by rotating it clockwise until the bit is secure.
   - **Impact Driver:** Pull back the 1/4 inch collet, insert the hex shank bit, and release the collet to lock the bit in place.

Operating Instructions

General Operation

- **Power On/Off:** Press the trigger switch to activate the tool. Release the trigger to turn it off.
- **Variable Speed Control:** The trigger switch provides variable speed. Pressing the trigger further increases the speed.
- **Forward/Reverse Rotation:** Use the directional switch located above the trigger to select forward (clockwise) or reverse (counter-clockwise) rotation. Position the switch in the center for the trigger lock.

Drill Driver Specifics

- **Clutch Adjustment:** Rotate the clutch collar to select the desired torque setting (1-17) for driving screws, or the drill icon for drilling applications. Higher numbers provide more torque.
- **Speed Selection:** Use the speed selector switch on top of the drill to choose between Low (0-450 RPM) for high torque applications and High (0-1650 RPM) for faster drilling.

Impact Driver Specifics

- **Speed/Torque Selection:** The impact driver features two-speed torque selection. Refer to the tool's markings for specific settings.
- **Halo Light:** The Halo Light™ around the collet provides enhanced visibility of the work surface.

Maintenance

- **Cleaning:** Regularly clean the tool's ventilation openings to prevent overheating. Use a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Do not store fully discharged batteries for extended periods.
- **Bit Maintenance:** Keep drill bits and driver bits clean and sharp for optimal performance. Replace worn or damaged bits.
- **General Inspection:** Periodically inspect the tools for any signs of damage, loose screws, or worn parts. Do not operate damaged tools.

Troubleshooting

Problem	Possible Cause	Solution
Tool does not power on.	Battery not charged or not properly seated.	Ensure battery is fully charged and securely attached to the tool.
Reduced power or short run time.	Battery is low or nearing end of life.	Recharge the battery. If issue persists, consider replacing the battery.
Bit slips in chuck (Drill Driver).	Chuck not tightened sufficiently or bit shank is dirty/damaged.	Retighten chuck firmly. Clean or replace the bit if necessary.
Tool overheats.	Blocked ventilation openings or continuous heavy use.	Clear ventilation openings. Allow tool to cool down during prolonged use.

Specifications

Feature	Detail
Brand	Skil
Model Number	CB736701
Power Source	Battery Powered
Voltage	12V
Drill Driver Max RPM	1650 RPM
Impact Driver Torque	1100 Inch Pounds
Battery Type	Lithium Ion (2.0Ah)
Charger Full Charge Time	45 minutes
Item Weight	6.59 pounds (Kit)
Product Dimensions	19.64 x 8.11 x 3.18 inches
UPC	039725995131, 039725997401
Included Components	Drill Driver, Impact Driver, 2x 2.0Ah Battery, PWRJUMP™ Charger, PH2 Bit, Belt Clip, Battery Jacket

Warranty and Support

The SKIL PWRCore 12 Brushless 12V Drill Driver and Impact Driver Kit is backed by a 5-year limited warranty. For warranty claims or technical support, please refer to the contact information provided with your product packaging or visit the official SKIL website.

It is recommended to register your product upon purchase to facilitate any future warranty claims.

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