**Skil SD561801**

# SKIL 4V Cordless Screwdriver SD561801 User Manual

Model: SD561801

## Introduction

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your SKIL 4V Cordless Screwdriver, model SD561801. Please read this manual thoroughly before using the tool and retain it for future reference.

## 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:** 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 appropriate safety equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection when necessary. Dress properly; avoid 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. It 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 Pack 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.

## Package Contents

Verify that all items are present and in good condition upon opening the package. If any items are missing or damaged, contact SKIL customer support.

- 1 x SKIL 4V Cordless Screwdriver (SD561801)
- 9 x 1-inch Screwdriver Bits

- 1 x 3-inch Magnetic Bit Holder
- 1 x USB Charging Cable
- 1 x User Manual

## Product Overview

The SKIL 4V Cordless Screwdriver is designed for various light-duty fastening and unfastening tasks. Its compact design and integrated features enhance usability and efficiency.




Figure 1: SKIL 4V Cordless Screwdriver with included accessories. This image displays the screwdriver, a set of 9 assorted 1-inch screwdriver bits, and a 3-inch magnetic bit holder, all neatly arranged.




Figure 2: Side view of the SKIL 4V Cordless Screwdriver. This image highlights the ergonomic grip and the forward/reverse switch located near the trigger.

## Charging the Screwdriver

The screwdriver is powered by an integrated lithium-ion battery. Before first use, fully charge the battery. Regular charging ensures optimal performance and battery longevity.

1. Locate the micro USB charging port on the screwdriver, typically at the base of the handle.
2. Connect the provided USB charging cable to the screwdriver's charging port.
3. Connect the other end of the USB cable to a compatible USB power adapter (not included) or a powered USB port.
4. The charging indicator light will illuminate, typically red, during charging and turn green when fully charged.
5. Charging time may vary. Disconnect the charger once the battery is fully charged.




Figure 3: SKIL 4V Cordless Screwdriver being charged via USB cable. The image shows the micro USB cable inserted into the charging port at the base of the screwdriver's handle.

## Setup and Bit Installation

Proper bit installation is crucial for safe and effective operation.

1. Ensure the screwdriver is turned off and the forward/reverse switch is in the neutral (locked) position before installing or removing bits.
2. Select the appropriate screwdriver bit for your task from the included 9-piece set. For extended reach, use the 3-inch magnetic bit holder.
3. Insert the shank of the chosen bit directly into the screwdriver's chuck until it is securely seated. If using the magnetic bit holder, insert the bit into the holder first, then insert the holder into the chuck.
4. Gently pull on the bit to ensure it is firmly held and will not fall out during operation.

## Operating Instructions

Follow these steps for safe and efficient use of your cordless screwdriver.

1. **Select Direction:** Use the forward/reverse switch to select the desired rotation direction. Push the switch forward for driving screws (clockwise) and backward for removing screws (counter-clockwise). The center position locks the trigger.
2. **Positioning:** Place the tip of the screwdriver bit firmly into the head of the screw.
3. **Operation:** Squeeze the trigger to start the screwdriver. The integrated LED work light will illuminate the work area. Apply steady, even pressure to the screwdriver to prevent cam-out (the bit slipping from the screw head).
4. **Stopping:** Release the trigger to stop the screwdriver.




Figure 4: Screwdriver in use for cabinet assembly. The image shows the screwdriver being used to fasten a screw into a cabinet door, demonstrating its application in home improvement tasks.




Figure 5: Screwdriver in use for baby crib assembly. This image illustrates the screwdriver's suitability for assembling furniture, including delicate items like a baby crib.




Figure 6: Screwdriver in use for easel assembly. The image shows the screwdriver being used to fasten components of an easel, highlighting its versatility for various assembly projects.

## Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your screwdriver.

- **Cleaning:** Keep the tool's ventilation openings clean and free from debris to prevent overheating. Use a soft, damp cloth to clean the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the screwdriver in a dry, secure location out of reach of children. Ensure the battery is partially charged before long-term storage.
- **Bit Care:** Clean bits after use. Replace worn or damaged bits to prevent stripping screw heads.
- **Battery:** Avoid fully discharging the battery frequently. Recharge the battery before it is completely depleted to extend its lifespan.

## Troubleshooting

If you encounter issues with your SKIL 4V Cordless Screwdriver, refer to the following common problems and solutions.

| Problem | Possible Cause | Solution |
|---|---|---|
| Screwdriver does not turn on. | Battery is discharged. Forward/reverse switch is in the locked position. | Charge the battery. Move the forward/reverse switch to the forward or reverse position. |
| Reduced power or speed. | Battery is low. Overloading the tool. | Recharge the battery. Do not apply excessive force; use the tool for its intended light-duty applications. |
| Bit slips from screw head (cam-out). | Incorrect bit size. Worn bit. Insufficient pressure. | Use the correct size bit for the screw. Replace worn bits. Apply firm, steady pressure directly in line with the screw. |
| Screwdriver stops during operation. | Overload protection activated. Battery critically low. | Reduce load on the tool. Recharge the battery. Allow the tool to cool down if it feels hot. |

## Specifications

Detailed technical specifications for the SKIL 4V Cordless Screwdriver, model SD561801.

| Feature | Specification |
|---|---|
| Brand | Skil |
| Model Number | SD561801 |
| Power Source | Battery Powered |
| Voltage | 4 Volts |
| Speed | 220 RPM |
| Item Torque | 36 Inch Pounds |
| Battery Type | Lithium Ion (Integrated) |
| Charging Port | Micro USB |
| Product Dimensions (L x W x H) | 6.22" x 6" x 2.16" |
| Item Weight | 1.34 Pounds |
| Material | Metal, Plastic |
| Included Components | 4V Screwdriver, 9pcs 1" bits, 1pc 3" magnetic bit holder, USB Charging Cable |

## Warranty and Support

Your SKIL 4V Cordless Screwdriver (SD561801) is covered by a**5-year limited warranty** from the date of purchase. This warranty covers defects in material and workmanship under normal use.
For warranty claims, technical assistance, or to purchase replacement parts, please contact SKIL customer support. Keep your proof of purchase for warranty validation.
**SKIL Customer Support:**

- Refer to the contact information provided on the SKIL official website or your product packaging.
- Online resources and FAQs may also be available on the SKIL website.

## 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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**Question**

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.

Submit question