

## Skil F 015 600 2CB

# Skil Impact Drill F 015 600 2CB User Manual

Model: F 015 600 2CB

## 1. INTRODUCTION

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This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Skil Impact Drill F 015 600 2CB. This versatile 500W corded electric drill is designed for various drilling tasks in wood, metal, and masonry, offering variable speed control and a hammer function for enhanced performance. Please read these instructions thoroughly before first use and keep them for future reference.

## 2. SAFETY INSTRUCTIONS

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Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- **Read All Instructions:** Familiarize yourself with the controls and proper use of the tool.
- **Wear Eye Protection:** Always wear safety goggles or safety glasses with side shields.
- **Secure Workpiece:** Use clamps or a vise to hold the workpiece. This is safer than using your hand and it frees both hands to operate the tool.
- **Keep Work Area Clean:** Cluttered areas and benches invite injuries.
- **Avoid Dangerous Environment:** Do not use power tools in damp or wet locations, or expose them to rain. Keep work area well lit.
- **Disconnect Power:** Always disconnect the plug from the power source before making any adjustments, changing accessories, or storing the tool.
- **Maintain Tools With Care:** Keep cutting tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories.
- **Guard Against Electric Shock:** Prevent body contact with grounded surfaces such as pipes, radiators, ranges, and refrigerators.

## 3. PRODUCT OVERVIEW

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The Skil Impact Drill F 015 600 2CB is a robust tool featuring a 13mm keyed chuck, variable speed control, and a hammer function. It is designed for comfortable use with an ergonomic soft grip.



Image 1: The Skil Impact Drill F 015 600 2CB, showcasing its main body, chuck, and the three masonry drill bits (5mm, 6mm, 8mm) included with the product.

Key components include the power switch, lock-on button for continuous operation, mode selector for drilling or hammer drilling, and the forward/reverse switch for screw driving and removal.

## 4. SETUP

### 4.1 Attaching and Changing Drill Bits

1. Ensure the drill is unplugged from the power source.
2. Insert the chuck key into the holes on the side of the chuck.
3. Rotate the chuck key counter-clockwise to open the chuck jaws.
4. Insert the desired drill bit into the chuck, ensuring it is centered and fully seated.
5. Rotate the chuck key clockwise to tighten the chuck jaws securely around the drill bit. Ensure the bit is firmly held to prevent slipping during operation.
6. Remove the chuck key before operating the drill.

### 4.2 Power Connection

Connect the drill's power cord to a suitable electrical outlet. Ensure the voltage of the power supply matches

the specifications of the drill (4 Volts, 500 Watts).

## 5. OPERATING INSTRUCTIONS

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### 5.1 Variable Speed Control

The drill features a variable speed trigger, allowing you to adjust the drilling speed based on the material and application. Press the trigger lightly for lower speeds and more firmly for higher speeds. A pre-selection mode is also available for setting a maximum speed limit.

### 5.2 Hammer and Drill Mode Selection

The Skil Impact Drill can operate in two modes:

- **Drill Mode:** For drilling into wood, metal, and plastic. The hammer mechanism is disengaged.
- **Hammer Mode:** For drilling into masonry and concrete. The hammer mechanism engages, providing an impact action to assist in drilling hard materials.

Select the appropriate mode using the selector switch located on the side of the drill. Ensure the drill is unplugged when changing modes.



Image 2: The Skil Impact Drill demonstrating its capability to drill through various materials, including brick, metal, and wood, highlighting its versatility.

### 5.3 Lock-On Button

For continuous operation during extended drilling tasks, press the trigger and then engage the lock-on button. This will keep the drill running without needing to hold the trigger. To disengage, simply press the trigger again.

### 5.4 Reverse Function

The reverse function is useful for removing screws or for backing out a drill bit that has become jammed in a workpiece. Activate the reverse function using the switch near the trigger.

### 5.5 Drilling Guidelines

The drill offers the following maximum drilling capacities:

- **Steel:** 13mm
- **Masonry:** 16mm

- **Wood:** 30mm

Always apply steady, even pressure. Do not force the drill. Allow the tool to do the work. For deeper holes, periodically withdraw the bit to clear debris.



Image 3 & 4: A user operating the Skil Impact Drill to create a hole in a wooden workpiece, demonstrating proper handling and application.

## 6. MAINTENANCE

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

- **Cleaning:** Keep the ventilation openings clear and clean. Use a soft, damp cloth to wipe down the exterior of the tool. Do not use harsh chemicals or abrasive cleaners.
- **Chuck Maintenance:** Periodically clean the chuck jaws to ensure proper gripping of drill bits.
- **Cord Inspection:** Regularly inspect the power cord for any signs of damage. If damaged, have it replaced by a qualified service technician.
- **Storage:** Store the drill in a dry, secure location out of reach of children.

## 7. TROUBLESHOOTING

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If you encounter issues with your Skil Impact Drill, refer to the following common problems and solutions:

- **Drill Not Starting:** Check if the power cord is securely plugged in. Ensure the power outlet is functional. Verify that the trigger is fully depressed.
- **Reduced Performance/Overheating:** This may indicate a dull drill bit or excessive pressure. Ensure drill bits are sharp and apply appropriate pressure. Allow the tool to cool down if it becomes hot.
- **Bit Slipping in Chuck:** Ensure the chuck is tightened securely with the chuck key. The drill bit shank should be clean and free of oil or grease.

For problems not addressed here, contact Skil customer support.

## 8. SPECIFICATIONS

Feature	Specification
Brand	Skil
Model Number	F 015 600 2CB
Power Source	Corded Electric
Maximum Power	500 Watts
Voltage	4 Volts
Speed (RPM)	750 RPM (Maximum rotational speed)
Maximum Chuck Size	13 Millimeters
Drilling Capacity (Steel)	13mm
Drilling Capacity (Masonry)	16mm
Drilling Capacity (Wood)	30mm
Item Weight	2.64 Kilograms
Material	Metal, Plastic, Rubberized Grip
Special Features	Reverse Rotation

## 9. WARRANTY AND SUPPORT

For warranty information, service, or technical support, please refer to the warranty card included with your product or visit the official Skil website. You may also contact Skil customer service directly for assistance with your F 015 600 2CB Impact Drill.