**Chicago Electric Power Tools B00H2QHW5Q**

# Chicago Electric Variable Speed Orbital Jigsaw User Manual

Model: B00H2QHW5Q

## 1. Introduction

Thank you for choosing the Chicago Electric Variable Speed Orbital Jigsaw. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new power tool. Please read this manual thoroughly before operating the jigsaw and keep it for future reference.




Image of the Chicago Electric Variable Speed Orbital Jigsaw, showcasing its design and features.

## 2. General Safety Instructions

Always follow basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

### 2.1. 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.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

### 2.2. Electrical Safety

- Power tool plugs must match the outlet. Never modify the plug in any way.
- Avoid body contact with grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased

risk of electric shock if your body is grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

### 2.3. Personal Safety

- Always wear eye protection. Use a dust mask, non-skid safety shoes, hard hat, or hearing protection for appropriate conditions.
- Do not overreach. Keep proper footing and balance at all times.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.

## 3. Key Components

Familiarize yourself with the main parts of your Chicago Electric Variable Speed Orbital Jigsaw:

- **Variable Speed Trigger:** Allows for precise control over cutting speed.
- **Soft Grip Handle:** Provides comfort and reduces fatigue during extended use.
- **Orbital Settings Selector:** Adjusts the blade's orbital action for different materials and cutting speeds.
- **Dust Blower:** Clears sawdust from the cutting line for improved visibility.
- **Adjustable Foot Plate:** Can be angled for bevel cuts.
- **Blade Clamp:** Secures the jigsaw blade in place.

## 4. Setup

### 4.1. Blade Installation

1. Ensure the jigsaw is unplugged from the power source.
2. Locate the blade clamp mechanism.
3. Insert the shank of the jigsaw blade into the clamp, ensuring it is fully seated and securely locked.
4. Gently pull on the blade to confirm it is firmly held.

### 4.2. Adjusting the Foot Plate

The foot plate can be adjusted from 0-45° left and right for bevel cuts.

1. Unplug the tool.
2. Loosen the foot plate adjustment screws, typically located on the underside or front of the foot plate.
3. Tilt the foot plate to the desired angle (0-45°). Use a protractor for precise angles if necessary.
4. Tighten the adjustment screws securely to lock the foot plate in position.

## 5. Operating Instructions

### 5.1. Variable Speed Control

The jigsaw features variable speed for optimal control. The speed is typically controlled by the pressure applied to the trigger switch. Pressing the trigger further increases the blade speed. This allows you to match the cutting speed to the material and blade type.

### 5.2. Four Position Orbital Settings

The four-position orbital settings allow you to adjust the blade's cutting action. Higher orbital settings provide a more

aggressive cut, suitable for faster cutting in softer materials like wood. Lower or no orbital action is better for finer cuts or harder materials like metal.

1. Select the desired orbital setting using the selector switch, usually located on the side of the tool.
2. Start with a lower orbital setting and increase if a faster, more aggressive cut is needed.

### 5.3. Dust Blower

The integrated dust blower helps keep the cutting line clear of sawdust, improving visibility and accuracy. Ensure the dust blower port is not obstructed during operation.

### 5.4. Cutting Procedure

1. Secure the workpiece firmly to prevent movement during cutting.
2. Plug in the jigsaw.
3. Place the front of the foot plate flat on the workpiece, ensuring the blade is clear of the material.
4. Start the jigsaw by pressing the trigger, allowing the blade to reach full speed before engaging the material.
5. Guide the jigsaw along the cutting line with steady, even pressure. Do not force the tool.
6. When finished, release the trigger and allow the blade to stop completely before lifting the tool from the workpiece.

## 6. Maintenance

### 6.1. Cleaning

- Always unplug the tool before cleaning.
- Clean the tool's ventilation openings regularly to prevent overheating.
- Wipe the tool housing with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Remove sawdust and debris from the blade area and foot plate after each use.

### 6.2. Blade Replacement

Replace dull or damaged blades promptly to ensure efficient and safe cutting. Refer to section 4.1 for blade installation instructions.

### 6.3. Cord Inspection

Regularly inspect the power cord for any signs of damage, cuts, or fraying. If damaged, have it repaired by a qualified technician.

## 7. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Jigsaw does not start | No power supply; faulty switch; damaged cord | Check power outlet and cord; consult a qualified technician if switch or cord is faulty. |
| Blade not cutting efficiently | Dull or incorrect blade; incorrect orbital setting | Replace blade; ensure correct blade type for material; adjust orbital setting. |
| Excessive vibration | Loose blade; damaged blade; worn internal components | Check blade for secure fit and damage; replace blade if necessary; consult service center for internal issues. |

| Problem | Possible Cause | Solution |
|---|---|---|
| Motor overheating | Blocked ventilation; continuous heavy load | Clear ventilation openings; allow tool to cool down; reduce cutting pressure. |

## 8. Specifications

- **Brand:** Chicago Electric Power Tools
- **Model:** B00H2QHW5Q
- **Power Source:** AC/DC
- **Blade Material:** High Speed Steel
- **Surface Recommendation:** Wood
- **Cutting Angle:** 0-45 degrees (adjustable foot plate)
- **Handle Material:** Plastic or Rubber
- **Special Features:** Variable speed, Four position orbital settings, Dust blower, Adjustable foot plate
- **Included Components:** Bare Tool
- **Unit Count:** 1 Count
- **Manufacturer:** Chicago Electric Power Tools

## 9. Warranty Information

This Chicago Electric Variable Speed Orbital Jigsaw comes with a**limited warranty**. Please refer to the warranty card included with your purchase for specific terms, conditions, and duration of coverage. Keep your purchase receipt as proof of purchase for any warranty claims.

## 10. Customer Support

For technical assistance, replacement parts, or warranty inquiries, please contact Chicago Electric Power Tools customer service. Refer to the packaging or the manufacturer's official website for the most current contact information.
**Online Resources:** Visit the official Chicago Electric Power Tools website for FAQs, product registration, and additional support materials.

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