

## ETOOLAB CIW07D

# ETOOLAB CIW07D 1/2-inch Impact Wrench User Manual

Model: CIW07D

## 1. INTRODUCTION

Thank you for choosing the ETOOLAB CIW07D 1/2-inch Impact Wrench. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before first use and retain it for future reference. This impact wrench is designed for various fastening and loosening tasks, offering high torque and variable speed control.

## 2. SAFETY INSTRUCTIONS

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

- **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.
- **Electrical Safety:** This tool is battery-powered. Ensure the battery is compatible (DeWalt 20V) and properly charged. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the tool for extended periods. Wear appropriate clothing; avoid loose clothing or jewelry that can get caught in moving parts. Stay alert, watch what you are doing, and use common sense when operating a power tool.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Store idle power tools out of the reach of children.
- **Battery Pack Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

## 3. PACKAGE CONTENTS

The ETOOLAB CIW07D Impact Wrench package typically includes the following items:

- ETOOLAB CIW07D 1/2-inch Impact Wrench (Bare Tool)
- User Manual
- Carrying Bag

- Impact Sockets (e.g., 17mm, 19mm, 21mm)

**Note:** This product is a bare tool and does **NOT INCLUDE** a battery or charger. It is compatible with DeWalt 20V batteries.



Image 1: ETOOLAB CIW07D Impact Wrench, showing the tool, carrying bag, and included sockets. Note that the battery is shown for illustration but is not included.

## 4. PRODUCT OVERVIEW

The ETOOLAB CIW07D is a high-performance brushless electric impact wrench designed for demanding tasks. It features a 1/2-inch hog ring anvil for quick socket changes, a powerful brushless motor, and multiple speed settings.

### Key Features:

- **High Torque:** Up to 750 Ft-lbs (1000 N.m) tightening and loosening torque.
- **Brushless Motor:** Provides increased efficiency, longer runtime, and extended tool life compared to brushed motors.
- **Variable 3-Mode Speed:** Allows for precise control over fastening applications.

- **LED Work Light:** Illuminates the work area for improved visibility.
- **1/2-inch Hog Ring Anvil:** Enables quick and secure socket attachment.
- **Ergonomic Design:** Comfortable handle for reduced user fatigue.



Image 2: Internal view highlighting the enhanced torque and strike block mechanism with a 1/2-inch steel chuck, designed for reliable solid performance.

## 5. SETUP

### 5.1 Battery Installation

This impact wrench is compatible with DeWalt 20V MAX series batteries (not included).

1. Ensure the battery is fully charged before use.
2. Align the battery pack with the battery port on the tool handle.
3. Slide the battery pack into the tool until it clicks securely into place.
4. To remove, press the battery release button and slide the battery pack out.



Image 3: The ETOOLAB Impact Wrench shown with various compatible DeWalt 20V battery models (batteries not included).

## 5.2 Socket Attachment

The tool features a 1/2-inch hog ring anvil for quick and secure socket changes.

1. Select the appropriate 1/2-inch drive impact socket for your task.
2. Push the socket firmly onto the anvil until the hog ring secures it in place.
3. To remove, pull the socket off the anvil with a firm tug.

## 6. OPERATING INSTRUCTIONS

### 6.1 Powering On/Off and Direction Control

The trigger switch controls the tool's operation. The forward/reverse selector switch determines the rotation direction.

- **To Start:** Squeeze the trigger switch. The LED work light will illuminate.
- **To Stop:** Release the trigger switch.

- **Forward Rotation:** Push the selector switch to the left (when viewed from the rear of the tool).
- **Reverse Rotation:** Push the selector switch to the right.
- **Lock-Off:** Position the selector switch in the center to prevent accidental starting.

## 6.2 Speed Control

The ETOOLAB CIW07D features 3 forward speed modes and 1 reverse speed mode with an auto-stop function. Use the speed selection button to cycle through the modes.

- **Low (L):** 0-2500 RPM - For delicate tasks or when lower torque is required.
- **Medium (M):** 0-2900 RPM - For general fastening and loosening.
- **High (H):** 0-3500 RPM - For maximum torque and speed on stubborn fasteners.
- **Reverse with Auto-Stop:** In reverse, the tool will automatically stop impacting once the fastener is loose, preventing over-loosening or dropping the fastener.



Image 4: The impact wrench illustrating its three distinct speed modes (L, M, H) for varied applications.

### 6.3 Applications

This impact wrench is suitable for a wide range of applications, including:

- Automotive repair (e.g., lug nut removal, suspension work)
- Construction projects
- Heavy equipment maintenance
- General assembly and disassembly tasks requiring high torque



Image 5: The ETOOLAB Impact Wrench in use during a construction application, demonstrating its versatility.



Image 6: The impact wrench in action on a vehicle wheel, emphasizing its 750 LBF-FT (1000 NM) high torque output and brushless motor benefits.

## 7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your tool.

- **Cleaning:** Keep the tool's ventilation openings clear and free of debris. Use a soft, damp cloth to clean the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the tool and battery in a cool, dry place, away from direct sunlight and moisture. Ensure the battery is removed from the tool before storage.
- **Inspection:** Periodically inspect the tool for any signs of damage, loose fasteners, or worn parts. Do not use a damaged tool.
- **Battery Care:** Follow the battery manufacturer's instructions for charging and storage. Avoid fully discharging the battery before recharging.

## 8. TROUBLESHOOTING

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

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem                       | Possible Cause                                                                                         | Solution                                                                                             |
|-------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Tool does not start           | Battery not installed correctly<br>Battery discharged<br>Forward/reverse selector in lock-off position | Ensure battery is fully seated<br>Charge the battery<br>Move selector to forward or reverse position |
| Low power/torque              | Battery low<br>Incorrect speed mode selected<br>Tool overheating                                       | Charge the battery<br>Select a higher speed mode (M or H)<br>Allow tool to cool down                 |
| Socket not attaching securely | Hog ring worn or damaged<br>Incorrect socket size                                                      | Inspect hog ring; replace if necessary<br>Ensure using 1/2-inch drive impact sockets                 |
| Excessive vibration or noise  | Loose components<br>Damaged internal parts                                                             | Stop use immediately and contact customer support                                                    |

If the problem persists after attempting these solutions, please contact ETOOLAB customer support.

## 9. SPECIFICATIONS

| Feature             | Specification                                                    |
|---------------------|------------------------------------------------------------------|
| Brand               | ETOOLAB                                                          |
| Model Number        | CIW07D                                                           |
| Power Source        | Battery Powered (Compatible with DeWalt 20V)                     |
| Voltage             | 20 Volts (DC)                                                    |
| Maximum Torque      | 750 Foot Pounds (1000 N.m)                                       |
| Drive Size          | 1/2 inch Hog Ring                                                |
| Speed Modes         | 3 Forward (0-2500, 0-2900, 0-3500 RPM), 1 Reverse with Auto-Stop |
| Motor Type          | Brushless                                                        |
| Included Components | Variable Speed, LED Work Light                                   |
| Item Weight         | 3.41 kg (approx. 7.5 lbs)                                        |
| Color               | Yellow                                                           |

## 10. WARRANTY AND SUPPORT

Specific warranty information for the ETOOLAB CIW07D Impact Wrench is not provided in this manual. For details regarding warranty coverage, claims, or technical support, please refer to the documentation included with your purchase or contact ETOOLAB customer service directly through their official website or the retailer where the product was purchased.

### 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.

**Name**

Anonymous

**Email**

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

**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