

## Ingco CIWLI2038

# Ingco CIWLI2038 20V Cordless Impact Wrench Instruction Manual

Model: CIWLI2038

## INTRODUCTION

Thank you for choosing the Ingco CIWLI2038 20V Cordless Impact Wrench. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your tool. Please read this manual thoroughly before first use and retain it for future reference.

The Ingco CIWLI2038 is a powerful 20V cordless impact wrench designed for various fastening and loosening applications. It features a robust motor and ergonomic design for comfortable and efficient use.

## GENERAL SAFETY INSTRUCTIONS

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

### 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. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

### Electrical Safety

- Power tool plugs must match the outlet. Never modify the plug in any way.
- 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.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

### Personal Safety

- Stay alert, watch what you are doing, and use common sense when operating a power tool.

- Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the tool.

## PRODUCT OVERVIEW

Familiarize yourself with the components of your Ingco CIWLI2038 Impact Wrench.



Figure 1: Ingco CIWLI2038 20V Cordless Impact Wrench, showing the tool, two 20V batteries, and a carrying case.



Figure 2: The Ingco CIWLI2038 Impact Wrench kit, including the tool, charger, and batteries, neatly stored within its protective carrying case.

## Key Components:

- **Impact Wrench Body:** Main housing containing the motor and gearing.
- **Battery Pack:** Detachable 20V lithium-ion battery.
- **Charger:** For recharging the battery packs.
- **Square Drive Anvil:** For attaching sockets.
- **Trigger Switch:** Controls power and speed.
- **Forward/Reverse Selector:** Changes rotation direction.
- **LED Work Light:** Illuminates the work area.

## SETUP

### 1. Charging the Battery Pack

1. Ensure the charger is connected to a standard power outlet (plug\_in\_electric).
2. Slide the battery pack onto the charger until it clicks into place.
3. Observe the charger indicator lights. A full charge is indicated when the light changes color (refer to charger manual for specific indications).
4. Once fully charged, disconnect the battery from the charger and unplug the charger from the power outlet.

**Note:** The battery pack is not fully charged upon purchase. It is recommended to fully charge the battery before first use to ensure optimal performance and battery life.

## 2. Installing/Removing the Battery Pack

- **Installation:** Align the battery pack with the receptacle on the tool handle and slide it in until it locks securely.
- **Removal:** Press the battery release button (if present) and slide the battery pack out of the tool handle.

## 3. Attaching Sockets

- Select the appropriate socket size for your application.
- Push the socket firmly onto the square drive anvil until it is securely seated.
- To remove, pull the socket off the anvil.

# OPERATING INSTRUCTIONS

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## 1. Powering On/Off and Speed Control

- To turn the tool ON, depress the trigger switch.
- To turn the tool OFF, release the trigger switch.
- The tool features variable speed control. Pressing the trigger further increases the speed.

## 2. Forward/Reverse Rotation

- The forward/reverse selector switch is located above the trigger.
- Push the selector to the left for forward rotation (tightening).
- Push the selector to the right for reverse rotation (loosening).
- Ensure the tool is completely stopped before changing the direction of rotation.

## 3. Using the LED Work Light

The integrated LED work light activates automatically when the trigger switch is depressed, illuminating the work area for improved visibility.

## 4. Impact Mechanism

The impact mechanism engages when the tool encounters resistance, providing high torque for fastening or loosening stubborn bolts and nuts. This mechanism reduces kickback to the user.

## 5. General Operation Tips

- Always hold the tool firmly with both hands during operation.
- Ensure the socket is fully engaged with the fastener to prevent stripping.
- For critical fastening applications, always verify the final torque with a calibrated torque wrench.
- Do not over-tighten fasteners.



# MAINTENANCE

## 1. Cleaning

- Before cleaning, always remove the battery pack from the tool.
- Wipe the tool's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Keep ventilation openings clear of dust and debris to prevent overheating.

## 2. Battery Care and Storage

- Store battery packs in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not store battery packs in a discharged state for extended periods. Charge them periodically if not in use.
- Do not short-circuit battery terminals.

## 3. General Storage

When not in use, store the impact wrench and its accessories in a secure, dry place, out of reach of children. The provided carrying case is ideal for protection and organization.

# TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start.	Battery not installed correctly. Battery discharged. Faulty trigger switch.	Ensure battery is fully seated. Charge battery. Contact service center.
Reduced power/torque.	Battery low. Worn carbon brushes (if applicable). Overheating.	Recharge battery. Have tool serviced. Allow tool to cool down.
Excessive vibration/noise.	Loose components. Damaged internal parts.	Stop use immediately. Contact service center.
Battery not charging.	Charger not plugged in. Faulty battery or charger.	Check power connection. Test with another battery/charger if available. Contact service center.

If the problem persists after attempting these solutions, please contact Ingco customer service or an authorized service center.

# SPECIFICATIONS

Feature	Specification
Model Number	CIWLI2038
Brand	Ingco
Voltage	20 Volts
Maximum Torque	300 Newton Meters
No-load Speed	2300 RPM

Feature	Specification
Power Source	Battery Powered (plug_in_electric charger)
Material	Metal
Item Weight	3.07 Kilograms
Package Dimensions	30.7 x 29.8 x 10.6 cm
Battery Cell Type	Lead Acid

## WARRANTY AND SUPPORT

Information regarding the product warranty is typically provided on a separate warranty card included with your purchase or can be found on the official Ingco website. Please retain your proof of purchase for warranty claims. For technical support, spare parts, or service inquiries, please refer to the contact information provided in your product packaging or visit the official Ingco website for your region.

**Official Ingco Website:** [www.ingcotools.com](http://www.ingcotools.com) (Example link, actual link may vary by region)

