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MODEL: CORDLESS IMPACT WRENCH | BRAND: DIYTOOLIFZ

Introduction

Thank you for choosing the DIYtoolifz 1/2 Inch 1700 Ft-Lbs Cordless Impact Wrench. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before first use and keep it for future reference.

General Safety Information

Always wear appropriate personal protective equipment (PPE) such as safety glasses, gloves, and hearing protection when operating power tools. Ensure your work area is well-lit and clear of obstructions. Keep children and bystanders away while operating the tool. Disconnect the battery pack before making any adjustments, changing accessories, or storing the tool. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.

What's in the Box

Your DIYtoolifz Cordless Impact Wrench kit includes the following components:

- 1 x DIYtoolifz 1/2 Inch 1700 Ft-Lbs Cordless Impact Wrench (Battery Not Included)
- 6 x Impact Sockets (17mm, 18mm, 19mm, 21mm, 22mm, 24mm)
- 1 x Durable Storage Case
- 1 x User Manual (this document)

WHAT'S IN THE BOX

All the Tools You Need to Get Started Right Away



Figure 1: Included components of the DIYtoolifz Cordless Impact Wrench kit, showing the wrench, various sockets, and the storage case.

Setup

Battery Installation

This cordless impact wrench is compatible with Milwaukee 18V batteries, including models such as 48-11-1820, 48-11-1828, 48-11-1841, 48-11-1850, 48-11-1862, and 48-11-1880. For optimal performance, a battery of 4Ah or higher is recommended. To install the battery, align the battery pack with the base of the tool and slide it in until it clicks securely into place. To remove, press the battery release button and slide the battery pack out.

CORDLESS IMPACT WRENCH FOR MILWAUKEE 18V

Battery not included



More than 4Ah battery
can be better experience

Figure 2: Proper installation of a compatible Milwaukee 18V battery into the impact wrench. Higher capacity batteries are recommended for best performance.

Socket Attachment

Select the appropriate impact socket for your task. Align the square drive of the socket with the anvil of the impact wrench and push it firmly until it locks into place. To remove the socket, pull it off the anvil while ensuring the tool is powered off.

Operating Instructions

Power On/Off and Speed Control

The tool features a variable speed trigger. Press the trigger to start the tool; the speed increases as you press the trigger further. The impact wrench offers 4-speed settings, allowing for precise control from 0-1850 RPM. Use the speed selection button, typically located near the battery indicator, to cycle through the different speed modes to match the application requirements.

Forward/Reverse Mode

A directional switch, usually located above the trigger, allows you to select forward (tightening) or reverse (loosening) rotation. Ensure the switch is in the desired position before operating the tool. The tool also features an auto-stop function in reverse mode to prevent over-loosening or accidental ejection of

fasteners.



Figure 3: The reverse self-stop feature ensures fasteners are loosened safely without accidental ejection.

LED Work Light

The integrated LED work light illuminates your work area, providing better visibility in dimly lit or confined spaces. The light activates automatically when the trigger is pressed.



Figure 4: The impact wrench delivers powerful torque for both tightening and loosening tasks.

Maintenance

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

- **Cleaning:** Keep the tool's ventilation openings clear and free of dust and debris. Use a soft, damp cloth to clean the housing. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the impact wrench and its accessories in the provided durable storage case in a dry, secure location away from direct sunlight and extreme temperatures.
- **Battery Care:** Always store batteries in a cool, dry place. Do not store batteries in a discharged state for extended periods.

Troubleshooting

Problem	Possible Cause	Solution
Tool does not start	Battery not installed correctly or discharged.	Ensure battery is fully charged and properly seated.
Low power/torque	Battery charge is low or incorrect speed setting.	Recharge battery. Select a higher speed setting.
Socket falls off	Socket not fully engaged or worn anvil.	Push socket firmly onto anvil until it locks. Inspect anvil for wear.

Specifications

Feature	Specification
Brand	DIYtoolifz
Model Number	Cordless Impact Wrench
Drive Size	1/2 Inch
Max Loosening Torque	1700 Ft-Lbs
Max Tightening Torque	1350 Ft-Lbs
No-Load Speed	0-1850 RPM (4-Speed)
Motor Type	Brushless
Voltage	18 Volts (Compatible with Milwaukee 18v batteries)
Material	Chrome Vanadium Steel
Item Weight	5 Pounds
Item Length	11.81 Inches
Included Components	Impact Wrench, 6 Sockets, Storage Case
LED Light	Yes

Warranty and Support

For any questions, technical support, or warranty inquiries, please contact our customer support team. We are committed to providing dependable customer support to ensure your satisfaction with DIYtoolifz products.

Contact Email: support@diytoolifz.com