

iMeshbean 07667

iMeshbean 18V Cordless Brushless Impact Wrench User Manual

Model: 07667

1. INTRODUCTION

Thank you for choosing the iMeshbean 18V Cordless Brushless Impact Wrench. This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your tool. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

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

- **Work Area Safety:** Keep your 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:** 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.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the tool for extended periods. Dress properly; avoid loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts.
- **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.
- **Battery Safety:** This tool is supplied without a battery. Use only compatible 18V lithium-ion batteries (e.g., Makita BL1830, BL1830B, BL1840, BL1840B, BL1850, BL1850B, BL1860B). Do not use non-rechargeable batteries.

3. PRODUCT OVERVIEW AND COMPONENTS

The iMeshbean 18V Cordless Brushless Impact Wrench is designed for efficient fastening and loosening of nuts and bolts. Key components are highlighted below:

PRODUCT INTRODUCTION



Figure 3.1: Product Introduction - Labeled components of the iMeshbean Impact Wrench, including the 1/2" square driver, brushless copper motor, built-in LED light, variable speed trigger, forward/reverse lock switch, and ergonomic handle.

- **1/2" Square Driver:** For attaching sockets.
- **Brushless Copper Motor:** Provides superior performance, durability, and reduced noise.
- **Built-in LED Light:** Illuminates the work area for improved visibility.
- **Variable Speed Trigger:** Allows for precise control over rotation speed.
- **Forward/Reverse Lock Switch:** Changes rotation direction and acts as a safety lock.
- **Ergonomically Designed Handle:** Features a rubberized soft grip for comfort and reduced vibration.
- **Battery Indicator:** Displays the remaining battery charge.
- **Function Switching Key:** Adjusts power settings (Large Power, Small Power, Loose Self-Stop).

STRONG POWER

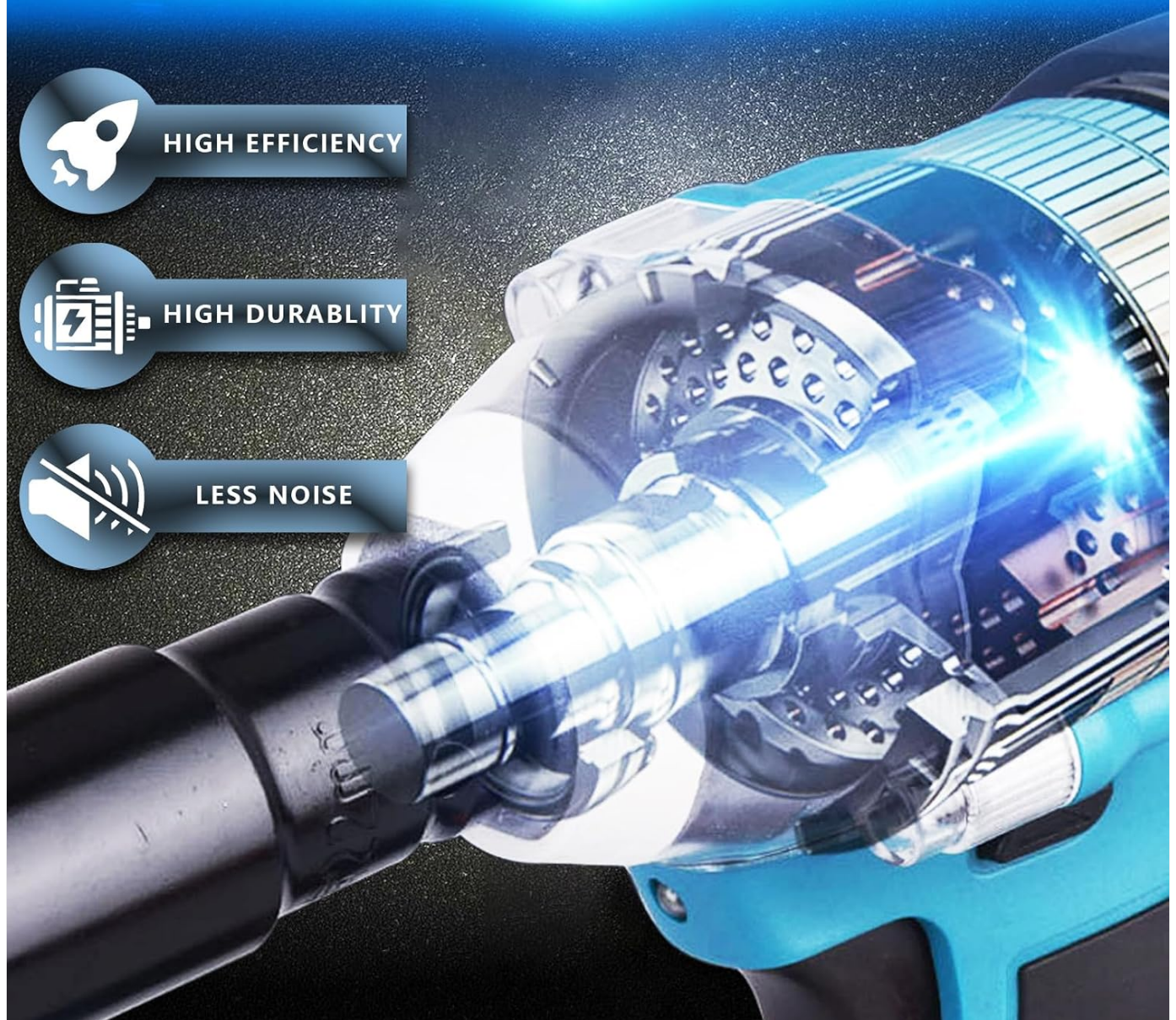


Figure 3.2: Internal Mechanism - An illustration showing the internal components, emphasizing high efficiency, high durability, and less noise from the brushless motor.

FORWARD/REVERSE SWITCH

EASY SWITCH BETWEEN ASSEMBLY AND DISASSEMBLY

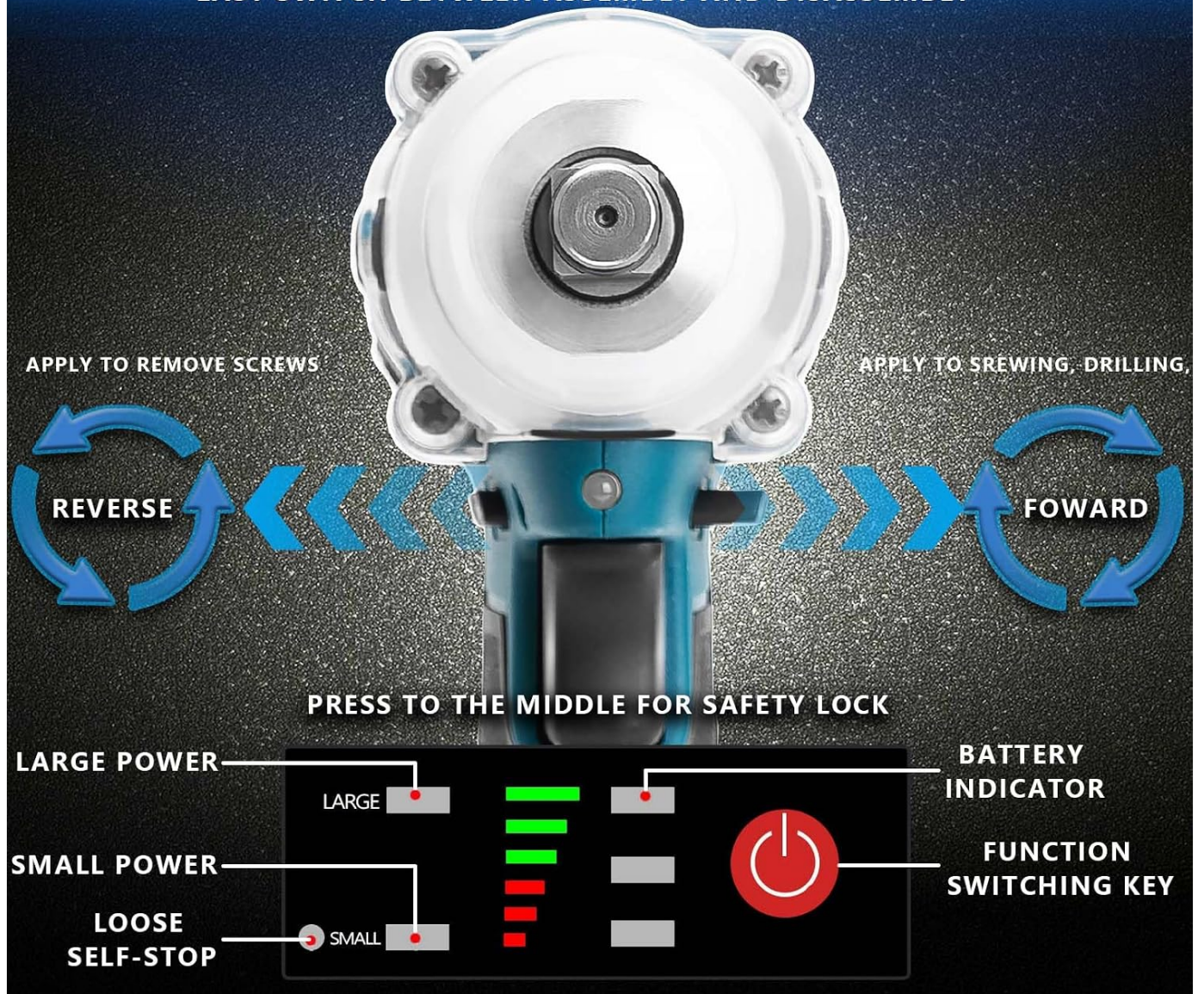


Figure 3.3: Product Dimensions - A diagram illustrating the dimensions of the impact wrench: 5.9 inches (15 cm) length, 8 inches (20 cm) height, and 1/2 inch (12.5 mm) square driver.

4. SETUP

4.1 Battery Installation (Battery Not Included)

1. Ensure the impact wrench is switched off and the forward/reverse lock switch is in the middle (locked) position.
2. Align a compatible 18V Makita-style lithium-ion battery (e.g., BL1830, BL1840, BL1850, BL1860B) with the battery slot at the base of the tool.
3. Slide the battery into the slot until it clicks securely into place.
4. To remove the battery, press the release button on the battery pack and slide it out.

4.2 Attaching Sockets

The impact wrench features a 1/2" hog ring anvil for easy socket changes.

1. Select the appropriate 1/2" drive socket for your application.

2. Push the socket firmly onto the 1/2" square driver until it is securely seated by the hog ring.
3. To remove, simply pull the socket off the driver.

5. OPERATING INSTRUCTIONS

5.1 Forward/Reverse Operation



Figure 5.1: Forward/Reverse Switch - Illustration of the switch positions for forward rotation (tightening), reverse rotation (loosening), and the central safety lock position.

- To select **forward rotation** (for tightening), push the forward/reverse button to the left.
- To select **reverse rotation** (for loosening), push the forward/reverse button to the right.
- To engage the **safety lock** (preventing accidental startup), position the button in the middle. The trigger will be locked.

5.2 Variable Speed Control and 3-Speed Switch

INTELLIGENT PANEL

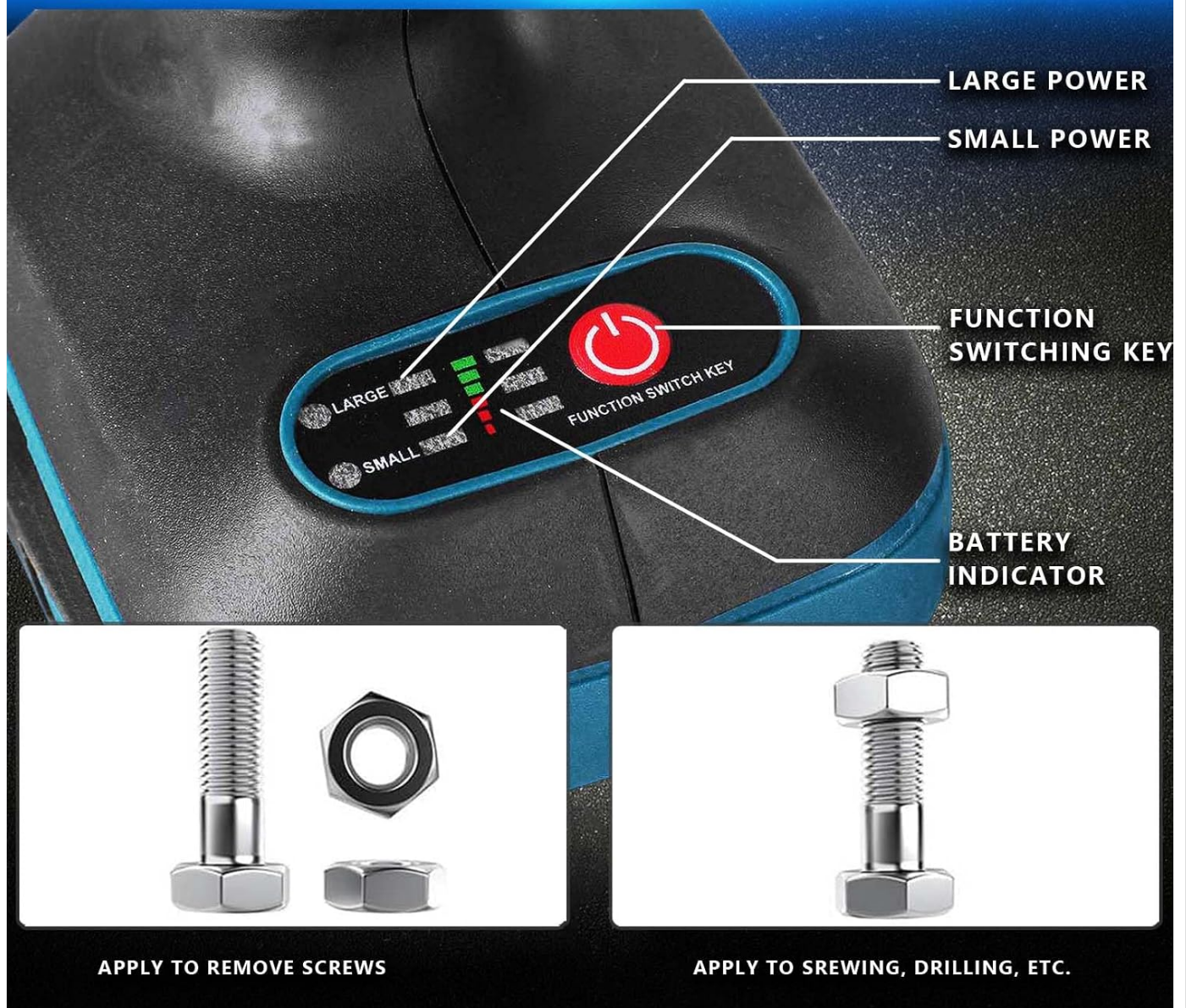


Figure 5.2: Intelligent Control Panel - Close-up of the control panel showing the battery indicator and function switching key for 'Large Power', 'Small Power', and 'Loose Self-Stop' modes.

- The tool features a **variable speed trigger**. Pressing the trigger lightly results in slower speeds, while pressing it further increases the speed. Releasing the trigger stops the tool.
- A **3-speed switch** (gear selector button) located on the bottom of the wrench allows you to select maximum RPM settings:
 - **HI:** 1-2200 RPM (High Speed)
 - **MID:** 1-1800 RPM (Medium Speed)
 - **LO:** 1-1500 RPM (Low Speed)
- Use the **Function Switching Key** on the intelligent panel to select between 'Large Power', 'Small Power', and 'Loose Self-Stop' modes for specific applications.

5.3 Using the LED Work Light

The integrated LED light automatically illuminates when the trigger is pressed, providing visibility in dimly lit work areas.

SIZE



Figure 5.3: Application Example - The impact wrench in use for automotive repair, specifically changing a car tire, demonstrating its utility in practical scenarios.



Figure 5.4: Application Example - The impact wrench being used by a worker in a construction or industrial setting, highlighting its versatility for various heavy-duty tasks.

6. MAINTENANCE

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

- **Cleaning:** Keep the tool's ventilation openings clean and free from debris to prevent overheating. Use a soft, damp cloth to clean the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the tool in a dry, secure place out of reach of children. Remove the battery pack before storing for extended periods.
- **Inspection:** Periodically inspect the tool for any signs of damage, loose screws, or worn parts. Do not use a damaged tool.
- **Brushless Motor:** The brushless motor requires no carbon brush replacement, reducing maintenance needs.

7. TROUBLESHOOTING

If you encounter issues with your impact wrench, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tool does not start	Battery not installed correctly or discharged; Forward/reverse switch in locked position.	Ensure battery is fully charged and properly inserted. Move forward/reverse switch out of the center (locked) position.
Reduced power or speed	Low battery charge; Incorrect speed setting; Overload.	Recharge battery. Select a higher speed setting using the gear selector button. Reduce load on the tool.
Socket not holding securely	Socket not fully seated; Worn hog ring.	Push socket firmly onto the anvil until it clicks. If issue persists, the hog ring may need inspection or service.
LED light not working	Faulty LED; Battery too low.	Ensure battery is charged. If the issue persists, contact customer support.

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

8. SPECIFICATIONS

Feature	Detail
Brand	iMeshbean
Model Number	07667
Chuck Size	1/2 Inch (12.5mm)
Max Torque	520 N.m (295 ft-lbs)
No-Load Speed (RPM)	HI: 1-2200 RPM, MID: 1-1800 RPM, LO: 1-1500 RPM
Impact Frequency (IPM)	0-3000 IPM
Motor Type	Brushless
Operation Mode	Battery (Cordless)
Compatible Batteries	Makita 18V Lithium-ion (e.g., BL1830, BL1840, BL1850, BL1860B)
Material	Alloy Steel, Aluminum
Item Length	22.86 Centimeters (approx. 9 inches)
Item Weight	157 Ounces (approx. 4.45 kg)
Included Components	Electric Impact Wrench, 4 Size Socket Set (with rubber ring)

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the documentation provided with your purchase or contact iMeshbean customer service through the retailer where the product was purchased. Keep your proof of purchase for warranty claims.

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