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› [Cordless Impact Wrench 3/8 Inch, 450N.m/ 330Ft-lbs Electric Impact Gun with Brushless Motor, 4000mAh Battery, Charger, 5 Sockets, Power Impact Driver for Car Home, Tire Repair](#)

Avhrit AT450

Avhrit Cordless Impact Wrench User Manual

Model: AT450 | Brand: Avhrit

1. INTRODUCTION

Thank you for choosing the Avhrit Cordless Impact Wrench. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new tool. Please read it thoroughly before first use and keep it for future reference.



Figure 1: Avhrit Cordless Impact Wrench and accessories.

The Avhrit Cordless Impact Wrench is engineered with a powerful brushless motor, delivering a maximum torque of 450 N.m (330 Ft-lbs) and a maximum speed of 2400 RPM. It is powered by a durable 4000mAh lithium-ion battery, ensuring extended runtime for various applications such as tightening or loosening wheel nuts on cars and motorcycles, and bolts for home repairs.

2. SAFETY INFORMATION

Always adhere to basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- **Read All Instructions:** Familiarize yourself with the tool's operation and safety guidelines.
- **Wear Eye Protection:** Always wear appropriate eye protection (safety glasses or goggles) when operating the tool.
- **Secure Workpiece:** Ensure the workpiece is stable and secured before applying torque.
- **Keep Work Area Clean:** Cluttered areas invite accidents.
- **Avoid Dangerous Environments:** Do not use power tools in damp or wet locations, or expose them to rain.
- **Proper Attire:** Do not wear loose clothing or jewelry. Contain long hair.

- **Battery Safety:** Use only the specified battery and charger. Do not short-circuit, incinerate, or expose batteries to high temperatures.
- **Maintenance:** Disconnect the battery pack before making any adjustments, changing accessories, or storing the tool.

3. PACKAGE CONTENTS

Verify that all items are present upon unboxing:

- 1x 3/8 Inch Cordless Impact Wrench
- 1x 4.0Ah Rechargeable Battery
- 1x Fast Charger
- 5x Impact Sockets (12/14/17/19/21mm)
- 1x User Manual
- 1x Customized Box

What Belongs To You

- | | |
|------------------------|-----------------------------|
| 1 x 4000mAh battery | 1 x Brushless impact wrench |
| 1 x Quick charger | 1 x Customized Box |
| 1 x Instruction manual | 6 x 3/8" Impact Socket Set |



Figure 2: All components included in the Avhrit Impact Wrench package.

4. SETUP

4.1 Battery Charging

Before first use, fully charge the 4000mAh lithium-ion battery. Connect the fast charger to a power outlet and then connect the battery. The indicator lights on the battery will show the charging progress. A full charge typically takes 1.5 hours.



Figure 3: Avhrit 4000mAh Li-ion Battery.

4.2 Attaching Sockets

To attach an impact socket, align the square drive of the socket with the anvil of the impact wrench and push firmly until it clicks into place. Ensure the socket is securely fastened before operation. For hard-to-reach areas, use the included 5-inch extension bar.

Figure 4: Using the built-in LED light and extension bar for improved visibility and reach.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

To power on the tool, press the trigger. Release the trigger to power off. The tool features a variable speed trigger, allowing for precise control over the rotational speed.

5.2 Speed Adjustment

The Avhrit impact wrench offers three adjustable speed modes to suit different applications:

- **Low Speed:** 0-1100 RPM
- **Mid-Speed:** 0-1800 RPM
- **High Speed:** 0-2400 RPM

Use the speed selection button on the tool to cycle through these modes. Select the appropriate speed based on the material and fastener type.

3-Speed Control Panel



0-1100 RPM



0-1800 RPM



0-2400 RPM

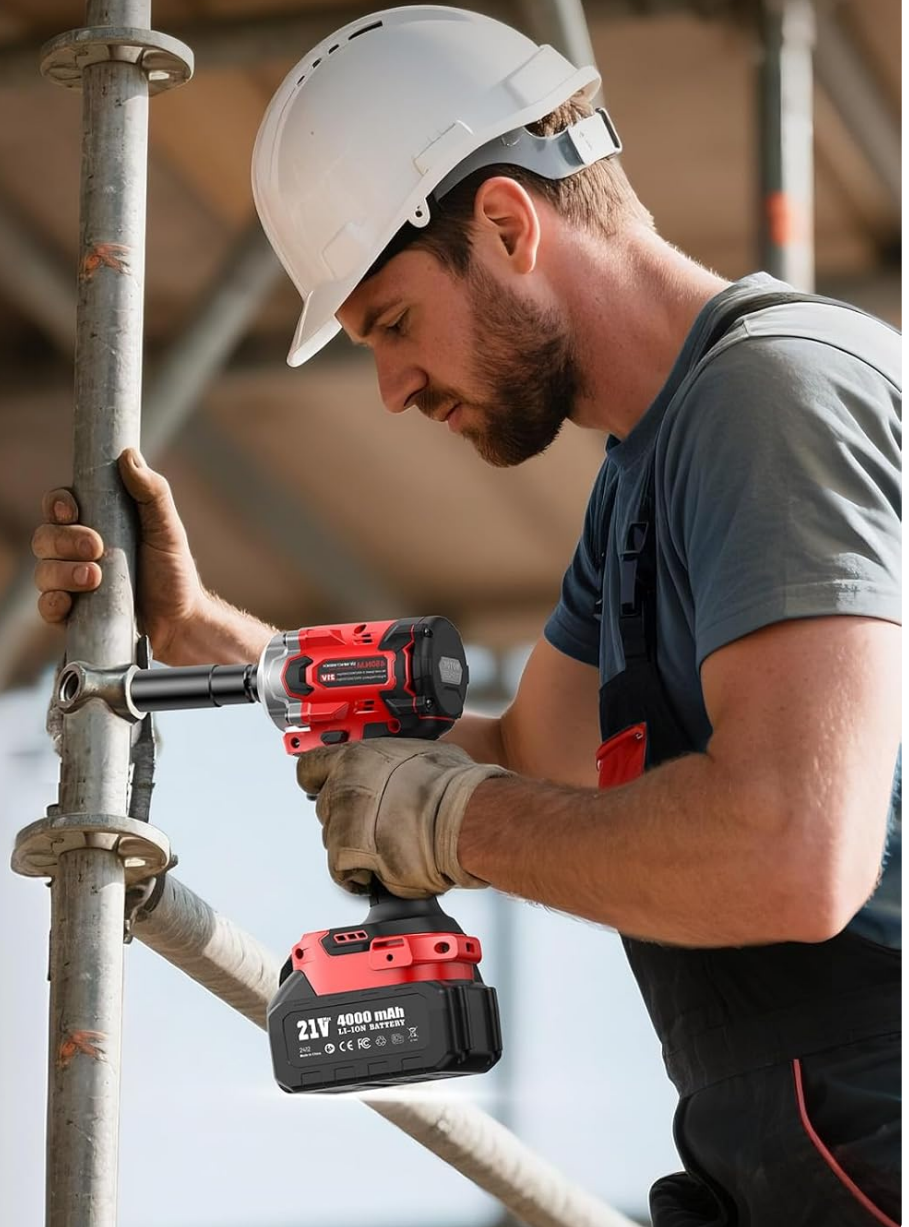


Figure 5: Three-speed control panel for versatile operation.

5.3 Forward and Reverse Operation

The tool features a forward/reverse button to change the rotation direction. Push the button to the left for forward (tightening) and to the right for reverse (loosening). For safety, set the button to the middle position to engage the safe mode, preventing accidental activation.

Lighter & Quieter



Figure 6: One-touch switching for forward and reverse.

5.4 Applications

The Avhrit impact wrench is ideal for various tasks requiring high torque. For example, it can be used for:

- Automotive repairs, such as changing tires or working on suspension components.
- Home improvement projects, including assembling furniture or deck construction.
- General fastening and loosening of bolts and nuts.



Figure 7: Using the impact wrench for tire repair.

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Video 1: Official product video demonstrating the features and applications of the Avhrit 3/8 Inch 450N.m/330Ft-lbs Cordless Impact Wrench, including its powerful motor and ease of use.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your impact wrench.

- **Cleaning:** Keep the tool's ventilation openings clean and free from debris to prevent overheating. Use a soft, damp cloth for cleaning. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight. Do not store fully discharged batteries for extended periods.
- **Lubrication:** The tool's internal components are factory-lubricated and generally do not require additional lubrication.

- **Storage:** When not in use, store the impact wrench, battery, and accessories in the provided customized box in a dry, secure location out of reach of children.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Avhrit Cordless Impact Wrench.

7.1 Socket Not Holding Torque / Excessive Wobble

If the socket appears to wobble excessively or the tool struggles to apply sufficient torque, ensure the socket is fully seated on the anvil. Verify that the retaining ball on the anvil is properly engaging the socket. If the issue persists, inspect the anvil for any signs of wear or damage. Worn anvils can reduce torque transfer and may require replacement.

7.2 Battery Dislodging During Use

If the battery frequently dislodges from the tool during operation, check the battery release mechanism and the battery slot for any obstructions or damage. Ensure the battery is fully inserted and clicks securely into place. If the issue continues, the battery or tool's battery interface may be faulty.

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Video 2: Customer review video demonstrating issues with the Avhrit impact wrench, specifically the socket not holding torque effectively and the battery potentially dislodging during use. This video is useful for understanding potential operational challenges and troubleshooting.

7.3 General Power Issues

- **Tool not turning on:** Ensure the battery is fully charged and properly inserted. Check if the forward/reverse switch is in the middle (safe) position.
- **Reduced power:** The battery might be low on charge. Recharge the battery. If the issue persists, the battery may be at the end of its lifespan.

8. SPECIFICATIONS

Feature	Specification
Brand	Avhrit
Model Number	AT450
Power Source	Battery Powered
Voltage	21 Volts
Battery Capacity	4000mAh Lithium Ion
Maximum Torque	450 Newton Meters (330 Ft-lbs)
Maximum Rotational Speed	2400 RPM
Number of Speeds	3
Chuck Size	0.38 Inches (3/8 Inch)

Feature	Specification
Item Weight	2.8 Kilograms (6.16 pounds)
Product Dimensions	5.1"L x 4"W x 10"H
Material	Alloy Aluminum
Color	Red

9. WARRANTY & SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided on the product packaging or visit the official Avhrit website. Keep your purchase receipt as proof of purchase for any warranty claims.