

Avhrit 300NM

Avhrit Cordless Impact Wrench User Manual

Model: 300NM

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Avhrit Cordless Impact Wrench. Designed for heavy-duty tasks, this 1/2 inch impact wrench delivers high torque and features a powerful brushless motor, making it suitable for automotive repairs, construction, and various home maintenance projects. Please read this manual thoroughly before initial use to ensure proper handling and to maximize the tool's lifespan.

2. SAFETY INFORMATION

Always adhere to the following safety guidelines to prevent injury or damage to the tool:

- **Read All Instructions:** Familiarize yourself with the tool's operation and safety features before use.
- **Wear Personal Protective Equipment (PPE):** Always wear safety glasses, gloves, and hearing protection when operating the impact wrench.
- **Maintain a Clean Work Area:** Cluttered or dark areas invite accidents. Ensure adequate lighting.
- **Avoid Hazardous Environments:** Do not operate power tools in damp or wet locations, or in the presence of flammable liquids or gases.
- **Secure Workpiece:** Always secure the workpiece to prevent movement during operation.
- **Use Correct Accessories:** Only use impact-rated sockets and accessories designed for this tool.
- **Battery Safety:** Use only the specified charger and battery packs. Do not short-circuit, incinerate, or expose batteries to extreme temperatures.
- **Keep Children Away:** Do not allow children or untrained individuals to operate the tool.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1x Avhrit 850N.m Cordless Impact Wrench

- 2x 4.0Ah Lithium-ion Battery Packs
- 1x Fast Charger
- 5x Impact Sockets (17mm, 19mm, 21mm, 22mm, 24mm)
- 1x 5-inch Extension Bar
- 1x Carry Case
- 1x User Manual (this document)



Image: The complete Avhrit Cordless Impact Wrench kit, including the wrench, two batteries, a charger, five impact sockets, an extension bar, and a durable carry case.

4. SPECIFICATIONS

Feature	Specification
Brand	Avhrit

Model Number	300NM (Part Number: AT03)
Power Source	Battery Powered
Voltage	21 Volts
Amperage	0.8 Amps
Maximum Rotational Speed	2200 RPM
Item Torque	850 Newton Meters (630 Ft-lbs)
Item Weight	1.3 Kilograms (2.86 pounds)
Battery Cell Type	Lithium Ion (2x 4.0Ah included)
Motor Type	Brushless

ADVANCED **BRUSHLESS MOTOR**

80% Power Increase



Image: An internal diagram illustrating the advanced brushless motor technology, highlighting its efficiency and power delivery.

5. SETUP

5.1 Charging the Battery

Before first use, fully charge both 4.0Ah Lithium-ion battery packs. Connect the fast charger to a standard power outlet. Align the battery pack with the charger and slide it into place until it clicks. The charger's indicator lights will show the charging status. A full charge typically takes approximately 1.5 hours.

2x 4.0Ah HIGH-EFFICIENCY Lithium Battery & 1.5Hours Fast Charger



Image: An Avhrit 4.0Ah Lithium-ion battery pack connected to its fast charger, indicating the charging process.

5.2 Installing and Removing the Battery

To install, align the battery pack with the base of the impact wrench and slide it firmly until it locks into place. To remove, press the release tabs on the sides of the battery pack and slide it out.

5.3 Attaching and Removing Sockets

The impact wrench features a 1/2-inch square drive. To attach a socket, align the square opening of the impact socket with the square drive on the wrench and push it firmly until it snaps into place. To remove, pull the socket off the drive. For deeper access, use the included 5-inch extension bar.

850N.M/630FT-LBS MAX TORQUE



Image: The Avhrit impact wrench with a socket securely attached, demonstrating its readiness for use on a vehicle's lug nut.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off and Variable Speed Control

The tool is activated by pressing the trigger. The speed of the impact wrench is variable and controlled by the amount of pressure applied to the trigger. Pressing the trigger lightly will result in lower speeds, while pressing it fully will achieve the maximum speed of 2200 RPM and full torque.

3 VARIABLE SPEEDS

The harder you push, the faster it gets



Image: The impact wrench's display showing its three adjustable speed settings, allowing for precise control over torque and RPM.

6.2 Forward and Reverse Directions

A dedicated button located above the trigger allows for easy switching between forward (tightening) and reverse (loosening) directions. Moving the button to the middle position activates a safe mode, preventing accidental operation.

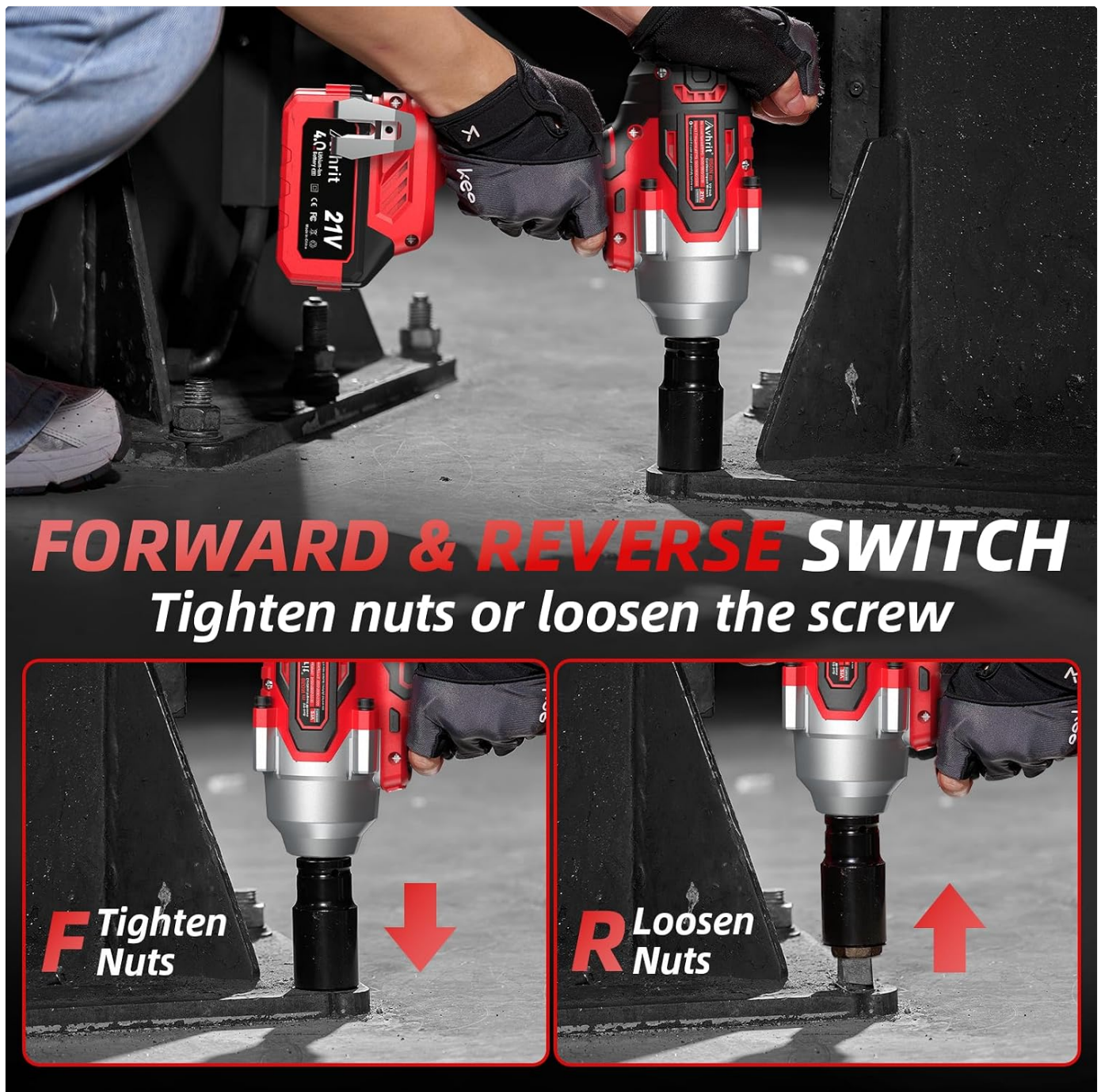


Image: A hand demonstrating the use of the forward and reverse switch on the impact wrench, indicating its function for tightening or loosening fasteners.

6.3 Built-in LED Light

The impact wrench is equipped with a built-in LED light that illuminates the work area when the trigger is pressed. This feature provides improved visibility in dimly lit spaces, enhancing precision and safety.

Build-In LED Light **Clear View in dark space**



Image: The Avhrit impact wrench's integrated LED light providing clear illumination in a dark engine compartment, aiding visibility during work.

6.4 Portability

The compact design and integrated belt buckle allow for convenient carrying and access, especially when working at heights or in confined spaces.

PORTABLE DESIGN- **BELT BUCKLE** *Compact but mighty*



Image: The Avhrit impact wrench conveniently attached to a belt via its integrated buckle, showcasing its portable design for easy access.

7. MAINTENANCE

7.1 Cleaning

Regularly clean the tool's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure ventilation openings are free from dust and debris to prevent overheating.

7.2 Storage

Store the impact wrench and its accessories in the provided carry case in a dry, cool place, away from direct sunlight and moisture. Keep out of reach of children and unauthorized users.

7.3 Battery Care

For optimal battery life, store batteries with a partial charge (around 50%). Avoid fully discharging batteries before recharging. Do not store batteries in extreme temperatures (hot or cold). The charger includes over-heat, over-charge,

and short-circuit protection for safe charging.

8. TROUBLESHOOTING

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

- **Tool Does Not Turn On:**
 - Ensure the battery is fully charged and properly inserted.
 - Check that the forward/reverse switch is not in the middle (safe) position.
- **Low Power/Torque:**
 - Recharge the battery.
 - Ensure the socket is correctly attached and not worn.
 - Verify that the tool is set to the appropriate speed setting for the task.
- **Tool Overheats:**
 - Allow the tool to cool down. Avoid continuous heavy-duty use without breaks.
 - Ensure ventilation slots are clear of obstructions.

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

9. WARRANTY AND SUPPORT

Avhrit is committed to providing high-quality products and excellent customer service. Your purchase is backed by:

- **30-Day Unconditional Return Policy:** For your peace of mind.
- **Lifetime Service and Technical Support:** We offer ongoing support for the lifespan of your product.
- **Quick Response:** Expect a response to your inquiries within 24 hours.

For any questions, technical assistance, or warranty claims, please visit the official Avhrit store on Amazon or contact our customer support team through the platform where you purchased the product.

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