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Makita XWT08Z

Makita XWT08Z 18V LXT Lithium-Ion Brushless Cordless High-Torque 1/2" Sq. Drive Impact Wrench Instruction Manual

Introduction

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Makita XWT08Z 18V LXT Lithium-Ion Brushless Cordless High-Torque 1/2" Sq. Drive Impact Wrench. Please read and understand all instructions before use to ensure proper function and prevent injury.

Safety Information

WARNING: California Proposition 65
This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
Battery Safety Warning:
Only use genuine Makita Lithium-Ion batteries. The use of non-genuine or altered batteries may result in fire, personal injury, and property damage. If you have questions about battery authenticity or performance, contact a Makita Factory Service Center or Authorized Service Center at (800)4-MAKITA.



Important safety notice regarding the exclusive use of genuine Makita Lithium-Ion batteries to prevent hazards and ensure optimal tool performance.

Product Features

- **BL Brushless Motor:** Delivers 740 ft.lbs. of fastening torque and 1,180 ft.lbs. of nut-busting torque.

- **3-Speed Power Selection:** Electronic switch (0-900/ 0-1,000/ 0-1,800 RPM & 0-1,800/ 0-2,000/ 0-2,200 IPM) for precise fastening control.
- **1/2" Anvil with Friction Ring:** Enables quick and easy socket changes.
- **Efficient Brushless Design:** Electronically controlled motor optimizes battery energy for up to 50% longer run time and cooler operation.
- **Integrated LED Lights:** Dual LED work lights illuminate the work area.



The Makita XWT08Z 18V LXT Impact Wrench, showcasing its compact design and 1/2-inch square drive anvil.

Setup

1. **Unpacking:** Carefully remove the impact wrench from its packaging. Inspect for any damage.
2. **Battery Installation:** This tool is sold as 'tool only' and requires a Makita 18V LXT Lithium-Ion battery (sold separately). Align the battery with the tool's receptacle and slide it in until it clicks securely into place.
3. **Socket Attachment:** Push the desired 1/2-inch square drive socket onto the anvil. The friction ring will hold the socket firmly in place. Ensure the socket is fully seated before operation.



Ergonomic grip of the Makita XWT08Z Impact Wrench, designed for comfortable handling during operation.

Operating Instructions

1. **Powering On/Off:** Squeeze the trigger switch to start the tool. Release the trigger to stop. The tool features an electric brake that stops rotation quickly upon release.
2. **Speed Selection:** Use the 3-speed power selection switch located near the base of the handle to adjust the impact wrench's RPM and IPM (Impacts Per Minute). Select the appropriate speed for your application.
3. **Forward/Reverse Rotation:** The direction of rotation is controlled by the lever located above the trigger. Push the lever left for forward rotation (tightening) and right for reverse rotation (loosening). Ensure the lever is fully engaged in the desired direction before operating.
4. **LED Work Light:** The integrated dual LED lights activate when the trigger is squeezed, illuminating the work area. They remain on for a short period after the trigger is released.



The electronic 3-speed power selection switch allows users to adjust torque and RPM for various applications.



Integrated dual LED work lights illuminate the work area for improved visibility.

Maintenance

- **Cleaning:** Regularly clean 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.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight. Do not store fully discharged batteries for extended periods. Charge batteries fully before storage and periodically during long storage periods.
- **General Inspection:** Periodically check all screws and fasteners for tightness. Ensure the anvil and friction ring are free from damage and excessive wear.
- **Brushless Motor:** The brushless motor design requires no carbon brush replacement, reducing routine maintenance.



A visual battery charge indicator displays the remaining power level of the LXT Lithium-Ion battery.

Troubleshooting

Problem	Possible Cause	Solution
Tool does not start	Battery not installed correctly Battery discharged Tool malfunction	Re-install battery securely Charge battery Contact Makita service
Reduced power/torque	Low battery charge Incorrect speed setting Worn socket/anvil	Charge battery Select higher speed setting Replace worn components

Problem	Possible Cause	Solution
Excessive vibration	Loose socket Damaged anvil Internal issue	Ensure socket is secure Inspect/replace anvil Contact Makita service

Specifications

Feature	Detail
Brand	Makita
Model Number	XWT08Z
Voltage	18 Volts
Fastening Torque	740 ft. lbs.
Nut-Busting Torque	1,180 ft. lbs.
Speed (RPM)	0-900 / 0-1,000 / 0-1,800
Impacts Per Minute (IPM)	0-1,800 / 0-2,000 / 0-2,200
Anvil Size	1/2" Square Drive
Item Weight	7 pounds
Material	Alloy Steel, Iron
Power Source	Battery-powered
Included Components	Tool Only (battery and charger sold separately)

Warranty

The Makita XWT08Z Impact Wrench is covered by a **3-year limited warranty**. This warranty covers defects in materials and workmanship from the date of purchase. For full details and terms, please refer to the official Makita warranty statement or contact Makita customer service.

Support

For further assistance, technical support, or service inquiries, please contact Makita customer service:

- **Phone:** (800)4-MAKITA
- **Online Resources:**
  - User Guide (PDF)
  - User Manual (PDF)

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