DEWALT DCN623B

DEWALT ATOMIC Compact Series 20V MAX* Brushless Cordless 23 Ga. Pin Nailer Instruction Manual

Model: DCN623B

1. Introduction and Overview

This instruction manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your DEWALT ATOMIC Compact Series 20V MAX* Brushless Cordless 23 Ga. Pin Nailer (Model DCN623B).

The DEWALT ATOMIC Compact Series 20V MAX* Brushless Cordless 23 Ga. Pin Nailer is designed for completing finish, trim, and remodeling work. It is a battery-powered tool engineered to drive 23 Ga. pin nails ranging from 5/8 inches to 1-1/2 inches in length, utilizing a high-output brushless motor. This tool offers cordless convenience, eliminating the need for hoses, compressors, or gas cartridges.



Figure 1: DEWALT ATOMIC Compact Series 20V MAX* Brushless Cordless 23 Ga. Pin Nailer.



Figure 2: The compact design of the pin nailer allows for easy maneuverability in tight spaces.

2. Setup

Before initial use, ensure the battery is fully charged. This tool is compatible with any DEWALT 20V MAX* battery. Insert the charged battery into the tool's battery port until it clicks securely into place.

To load pin nails, pull back the magazine follower and insert a strip of 23 Ga. pin nails (5/8" to 1-1/2" in length) into the magazine. Release the follower to secure the nails. Always ensure the correct nail gauge and length are used for optimal performance and safety.

3. Operating Instructions

The DEWALT 23 Ga. Pin Nailer is designed for efficient and precise fastening. Follow these steps for operation:

- **Power Source:** The tool is 100% battery powered, eliminating the need for gas, compressors, or hoses.
- **Nail Compatibility:** The unit works with 23 Ga. pin nails from 5/8" up to 1-1/2" in length.
- **Trigger Mechanism:** The tool features a two-stage trigger for enhanced safety. Press the contact trip against

the workpiece, then pull the trigger to drive a nail.

- **Low Nail Lockout:** A low nail lockout system with an LED indicator informs the user when it's time to reload. The indicator light will turn red when nails are low or depleted.
- **Nails Per Charge:** The DCN623B drives approximately 2,000 nails on average per charge with a DEWALT DCB203 2.0 Ah battery.
- **Tool-Free Adjustments:** Features tool-free jam release and tool-free depth adjustment for ease of use.



Figure 3: Key features of the pin nailer for efficient operation.



Figure 4: The low nail lockout LED illuminates to indicate when the nail magazine is low or empty.



Figure 5: The tool-free jam release allows for quick and easy clearing of nail jams.



Figure 6: The pin nailer is capable of driving approximately 2,000 nails per charge, making it efficient for various tasks.

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Video 1: Official product overview of the DEWALT ATOMIC Compact Series 20V MAX* Brushless Cordless Pin Nailer, demonstrating its features and applications.

4. Maintenance

Regular maintenance ensures the longevity and optimal performance of your pin nailer. Keep the tool clean and free of debris. Periodically inspect the magazine for any obstructions and ensure the contact trip is functioning smoothly. Store the tool in a dry environment away from extreme temperatures.

For detailed maintenance procedures, refer to the comprehensive guide available on the official DEWALT website or contact DEWALT customer support.

5. Troubleshooting

If you encounter issues with your pin nailer, consider the following common troubleshooting steps:

- **Nail Not Firing:** Check the low nail lockout LED. If red, reload nails. Ensure the contact trip is fully depressed against the workpiece. Verify the battery is charged and properly seated.
- **Nail Jams:** Utilize the tool-free jam release to clear any jammed nails. Always disconnect the battery before attempting to clear jams.
- **Inconsistent Depth:** Adjust the tool-free depth adjustment wheel to achieve the desired nail depth. Ensure the workpiece material is suitable for pin nailing.

For persistent issues, consult the full troubleshooting guide on the DEWALT website or contact DEWALT customer service for assistance.

6. Specifications

Attribute	Value
Manufacturer	DEWALT
Part Number	DCN623B
Item Weight	4.49 pounds
Product Dimensions	10.2 x 3.75 x 9.6 inches
Item Model Number	DCN623B
Size	One Size
Color	Multi
Style	Classic
Finish	Brushed
Material	Blend
Pattern	Solid
Shape	Rectangular
Power Source	Battery Powered
Item Package Quantity	1
Included Components	DCN623 DEWALT 20V MAX* 23 Ga. Cordless Pin Nailer
Batteries Included?	No
Batteries Required?	Yes
Date First Available	April 27, 2022

7. Warranty and Support

DEWALT stands behind the quality of its products. The DEWALT ATOMIC Compact Series 20V MAX* Brushless Cordless 23 Ga. Pin Nailer comes with the following warranty:

- **3-Year Limited Warranty:** Covers defects in material or workmanship.
- **1-Year Free Service:** DEWALT will maintain the tool and replace worn parts caused by normal use, for free, any time during the first year after purchase.
- **90-Day Money Back Guarantee:** If you are not completely satisfied with the performance of your DEWALT Power Tool, Laser, or Nailer for any reason, you can return it within 90 days from the date of purchase for a full refund.

Extended protection plans are also available for purchase:

- 3-Year Protection Plan
- 4-Year Protection Plan
- Complete Protect: One plan covers all eligible past and future purchases.

For further support, product registration, or to find authorized service centers, please visit the official DEWALT Store or contact DEWALT customer service.

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

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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