DEWALT DCV100-XJ

DEWALT 18V XR Compact Blower (DCV100-XJ) User Manual

Model: DCV100-XJ

Introduction

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your DEWALT 18V XR Compact Blower, model DCV100-XJ. Please read this manual thoroughly before using the tool to ensure proper and safe usage.



Figure 1: DEWALT 18V XR Compact Blower (DCV100-XJ)

The DEWALT 18V XR Compact Blower is designed for efficient jobsite clean-up of foliage and debris. It is lightweight, compact, and offers cordless convenience when paired with a compatible 18V XR Li-ion battery (sold separately). The blower delivers an air speed of up to 80 m/s and includes various attachments for versatile applications.

General Safety Instructions

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

- **Read all instructions:** Familiarize yourself with the controls and proper use of the tool.
- **Wear appropriate personal protective equipment (PPE):** Always wear eye protection, hearing protection, and suitable clothing.
- **Keep work area clean and well-lit:** Cluttered or dark areas invite accidents.
- **Do not operate in explosive atmospheres:** Do not use the blower in the presence of flammable liquids, gases, or dust.
- **Keep children and bystanders away:** Distractions can cause you to lose control.
- **Avoid unintentional starting:** Ensure the switch is in the off-position before connecting to a battery pack, picking

up or carrying the tool.

- **Use the correct tool for the job:**Do not force the tool; it will do the job better and safer at the rate for which it was designed.
- **Maintain tools with care:** Keep cutting tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories.
- **Disconnect battery pack:** Disconnect the battery pack from the tool before making any adjustments, changing accessories, or storing the tool.
- **Store idle tools:** When not in use, tools should be stored in a dry, high, or locked-up place out of reach of children.
- **Service:** Have your power tool serviced by a qualified repair person using only identical replacement parts.

Product Overview

The DEWALT 18V XR Compact Blower is designed for optimal performance and user comfort. Key features include:

- **Powerful Airflow:** Delivers up to 80 m/s air speed and 18,000 RPM fan speed for effective clearing.
- **Compact and Lightweight Design:** Facilitates portability and reduces user fatigue.
- **Ergonomic Handheld Style:** Provides comfort and ease of use for extended periods.
- **Variable Speed Control:** Equipped with a slider switch and trigger for adjustable airflow.
- **Electric Power Source:** Battery-operated for quieter operation and reduced maintenance.
- **Lock-on Switch:** Simplifies operation for prolonged use, ensuring stability and consistent performance.
- **XR Battery System Compatibility:** Designed to work with DEWALT 18V XR Li-ion battery packs (sold separately).
- **Versatile Attachments:** Includes a round nozzle, nozzle extension, and an inflator/deflator attachment.

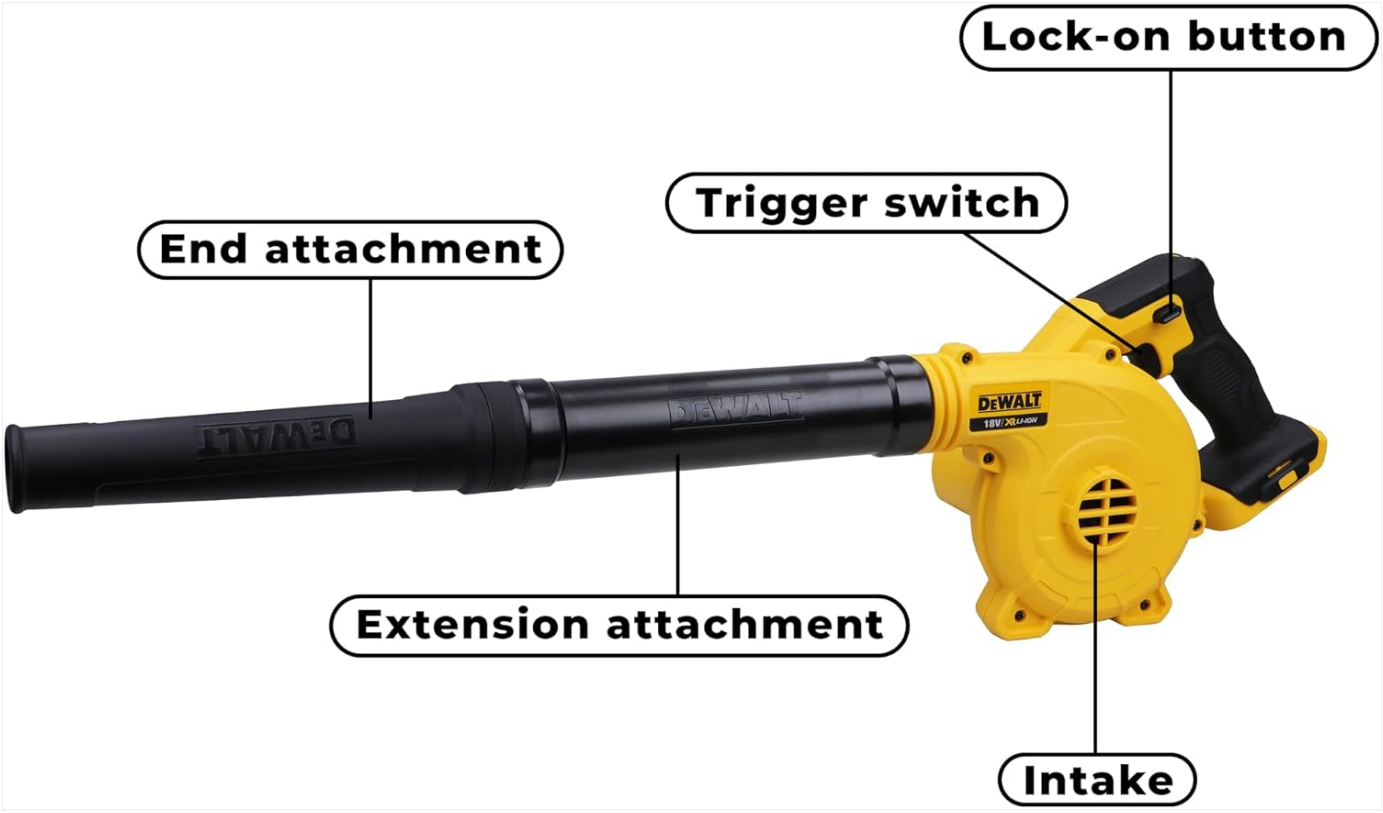


Figure 2: Key Components of the Blower

1. **Lock-on button:** Engages continuous operation without holding the trigger.
2. **Trigger switch:** Activates the blower and controls variable speed.
3. **End attachment:** The final nozzle piece for directing airflow.
4. **Extension attachment:** Extends the reach of the blower's nozzle.
5. **Intake:** Air inlet for the blower's fan. Ensure this area is clear during operation.

Setup

1. Battery Installation

This DEWALT blower is a "tool-only" unit and requires a compatible DEWALT 18V XR Li-ion battery pack (sold separately).

1. Ensure the blower's trigger switch is in the OFF position.
2. Align the battery pack with the receptacle on the tool's handle.
3. Slide the battery pack into the tool until it clicks securely into place.
4. To remove the battery, press the release button on the battery pack and pull it out.

2. Attaching Nozzles and Accessories

The blower comes with a round nozzle, a nozzle extension, and an inflator/deflator attachment.



Figure 3: Blower with Nozzle and Extension

1. To attach the extension attachment, align the grooves on the extension with the tabs on the blower's air outlet and twist to lock.
2. To attach the end attachment (round nozzle or inflator/deflator), align its grooves with the tabs on the extension attachment (or directly on the blower if not using the extension) and twist to lock.
3. Ensure all attachments are securely fastened before operation.

Operation

1. Starting and Stopping the Blower

1. Ensure a charged battery pack is securely installed.
2. To start the blower, depress the trigger switch. The airflow speed will vary depending on how far the trigger is pressed.
3. For continuous operation, depress the trigger switch fully and then press the lock-on button (refer to Figure 2, item 1). Release the trigger while holding the lock-on button.
4. To stop the blower from continuous operation, depress the trigger switch fully again and then release it. To stop from variable speed operation, simply release the trigger switch.



Figure 4: Trigger Switch and Lock-on Button

2. Variable Speed Control

The blower features a variable speed slider switch combined with the variable speed trigger. Adjust the slider switch to set the maximum desired airflow, then use the trigger to fine-tune the speed within that range. This allows for precise control suitable for different tasks, from delicate clearing to heavy debris removal.

3. Applications

The DEWALT Compact Blower is ideal for:

- Clearing sawdust and debris from job sites.
- Blowing leaves and light garden debris from patios, driveways, and small yards.
- Inflating and deflating various items using the dedicated attachment (e.g., air mattresses, small inflatables).



Figure 5: Blower in Use for Debris Clearing

Maintenance

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

- **Cleaning:**
  - Periodically clean the air intake vents to prevent overheating. Use a soft brush or cloth.
  - Wipe down the exterior of the tool with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
  - Ensure the nozzle and extension attachments are free of blockages.
- **Battery Care:**
  - Always use genuine DEWALT 18V XR Li-ion battery packs and chargers.
  - Store battery packs in a cool, dry place away from direct sunlight and extreme temperatures.
  - Do not store battery packs in a discharged state for extended periods.

- **Storage:**
  - Store the blower in a dry, secure location, out of reach of children.
  - Remove the battery pack before storing the tool for extended periods.

Troubleshooting

If your DEWALT blower is not operating correctly, consult the following table for common issues and solutions.

Problem	Possible Cause	Solution
Blower does not start.	Battery pack not installed correctly. Battery pack is discharged. Tool malfunction.	Ensure battery pack is fully seated and clicked into place. Charge the battery pack. Contact DEWALT service center.
Reduced airflow.	Air intake or nozzle blocked. Battery pack low on charge.	Clear any obstructions from the air intake and nozzle. Recharge the battery pack.
Tool stops during operation.	Battery pack overheated or discharged. Tool overloaded.	Allow battery pack to cool down, then recharge. Reduce load on the tool.

Specifications

Technical specifications for the DEWALT 18V XR Compact Blower (DCV100-XJ).



Figure 6: Key Specifications

Specification	Value
Brand	DEWALT
Model Name	DCV100 XR Compact Jobsite Blower 18V Bare Unit
Item Model Number	DCV100-XJ
Power Source	Battery Powered (AC for charging, tool is DC)
Voltage	18 Volts
Form Factor	Handheld
Air Speed	Up to 80 m/s
Fan Speed	18,000 RPM
Noise Level	96 dB
Item Weight	0.95 Kilograms (2.09 pounds)
Product Dimensions	5.08"L x 3.16"W x 2.3"H
Included Components	DCV100 XR Compact Jobsite Blower 18V Bare Unit, Round Nozzle, Nozzle Extension, Inflator/Deflator Attachment

Warranty and Support

DEWALT products are manufactured to high quality standards. For information regarding warranty, service, or technical support, please contact DEWALT customer care.



Figure 7: DEWALT Customer Care Contact Information

- **Phone:** 1800-203-0644
- **Email:** SBD-CUSTOMER.COMMUNICATIONS@SBDINC.COM
- **WhatsApp:** +91 96060 55835 (Scan QR code in image for direct link)
- **Operating Hours:** Mon-Sat, 09:00 AM - 06:00 PM IST (Except Government Holidays)
- **Service Network:** Over 500 authorized service centers available.

For the most up-to-date warranty information and service center locations, please visit the official DEWALT website or contact customer support directly.

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Question

Example: How do I reset this device or fix this error?

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