DEWALT DCC020IB

DEWALT Tire Inflator Portable Air Compressor 20V MAX User Manual

Model: DCC020IB

Brand: DEWALT

Introduction

The DEWALT 20V MAX* Corded/Cordless Air Inflator (DCC020IB) is a versatile tool designed for various inflation and deflation needs. It offers multiple power source options for maximum flexibility, whether on a jobsite or on the go. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your DEWALT Air Inflator.

Important Safety Information

WARNING:

- Always read and understand all instructions before using this tool.
- Wear appropriate eye protection when operating the inflator.
- Do not exceed the maximum pressure rating of the item being inflated.
- Keep children and bystanders away from the operating area.
- Use only recommended accessories.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

What's in the Box

Your DEWALT Tire Inflator package includes the following components:

- (1) DCC020I Air Inflator
- (1) Inflator needle
- (1) 12V DC Powercord
- (1) Presta valve adapter
- (1) High-pressure tapered nozzle

Note: Battery, charger, and 110V AC power adapter are sold separately.

Product Features

- **High-pressure inflation mode:** Ideal for tires and sports balls, with automatic shutoff for precise inflation.
- **High-volume inflation and deflation modes:** Perfect for air mattresses and other large inflatables.
- **LED light:** Provides illumination in dark spaces for improved visibility.
- **Three power sources:** Operates on 20V MAX battery, 12V DC (car outlet), or 110V AC (with optional adapter) for maximum versatility.
- **Convenient onboard accessory storage:** Keeps all nozzles and adapters organized and readily accessible.
- **Heavy-duty rubber feet:** Helps reduce movement and vibration during operation.
- **Threaded chuck:** Ensures a secure connection to inflation valves, minimizing air loss.

Setup

Powering the Inflator

The DEWALT Air Inflator can be powered by three different sources:

1. **20V MAX* Battery (Sold Separately):**

   Insert a charged DEWALT 20V MAX* battery into the battery port at the base of the inflator until it clicks into place. Ensure the battery is fully seated.

2. **12V DC Vehicle Power (Included):**

   Locate the 12V DC power cord stored in the compartment on the left side of the inflator. Plug the 12V DC adapter into your vehicle's 12V accessory outlet. Connect the other end of the cord to the corresponding port on the inflator.

3. **110V AC Wall Outlet (Optional Adapter Sold Separately):**

   If using the optional 110V AC power adapter (DEWALT N557514 Inflator Power Supply, ASIN: B07MLJY3Y5), connect it to the inflator and then plug it into a standard 110V AC wall outlet.

Attaching Accessories

The inflator comes with various nozzles and adapters for different applications. These are stored onboard the unit.

- For high-pressure inflation (tires, sports balls), use the built-in high-pressure hose with the threaded chuck. For sports balls, attach the inflator needle to the threaded chuck. For Presta valves, use the Presta valve adapter.
- For high-volume inflation/deflation (air mattresses), attach the high-volume hose to the appropriate port on the right side of the tool. Use the high-pressure tapered nozzle as needed.

Operating Instructions

High-Pressure Inflation (Tires, Sports Balls)

1. Ensure the inflator is powered on.
2. Connect the threaded chuck of the high-pressure hose securely to the item's valve stem. For sports balls, attach the needle first.
3. On the digital display, select the desired pressure unit (PSI, kPa, or Bar) using the unit button.
4. Adjust the target pressure using the +/- buttons. The digital gauge will display the current pressure and the set target pressure.

5. Press the start button (usually indicated by a play/pause symbol) to begin inflation. The inflator will automatically shut off once the set pressure is reached.
6. Disconnect the chuck from the valve stem.

High-Volume Inflation/Deflation (Air Mattresses, Inflatables)

1. Attach the high-volume hose to the appropriate port.
2. For inflation, connect the hose to the inflation port and insert the nozzle into the item's air intake. Press the high-volume inflation button.
3. For deflation, connect the hose to the deflation port and insert the nozzle into the item's air outlet. Press the high-volume deflation button.
4. Once inflation/deflation is complete, turn off the inflator and disconnect the hose.

Using the LED Light

Press the dedicated LED light button on the control panel to illuminate your work area, especially useful in low-light conditions.

Maintenance

- **Cleaning:** Wipe the inflator with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the inflator in a dry, clean place, away from direct sunlight and extreme temperatures. Ensure all hoses and accessories are properly stored in their designated onboard compartments.
- **Battery Care:** If using a battery, remove it from the inflator when not in use for extended periods. Store batteries in a cool, dry place.
- **Hose Inspection:** Regularly inspect hoses and connections for any signs of wear, cracks, or damage. Replace if necessary.

Troubleshooting

Problem	Possible Cause	Solution
Inflator does not turn on.	No power source connected or battery is depleted.	Ensure battery is charged and properly inserted, or 12V DC/110V AC power source is securely connected and active.
Inflator runs but no air comes out.	Hose kinked, nozzle blocked, or incorrect mode selected.	Check for obstructions in the hose or nozzle. Ensure the correct inflation mode (high-pressure or high-volume) is selected.
Inflator does not reach desired pressure.	Air leak at connection, or item's maximum pressure is lower than set.	Tighten hose connection to valve stem. Verify the maximum pressure rating of the item being inflated.
"LoP" error displayed (when using 12V DC).	Low power from vehicle's 12V outlet.	Start the vehicle's engine to ensure adequate power supply.

Specifications

Feature	Detail
Brand	DEWALT
Model Name	DEWALT 20V MAX* Cordless Tire Inflator, Tool Only
Model Number	DCC020IB
Voltage	20 Volts
Power Source	Battery Powered (20V MAX*), 12V DC, 110V AC (with optional adapter)
Maximum Operating Pressure	160 PSI
Noise Level	92 dB
Item Weight	6.39 Pounds
Product Dimensions	12.97"L x 10.22"W x 5.59"H
Color	Black, Yellow
Material	Blend

Warranty and Support

DEWALT products are designed to the highest standards and undergo rigorous testing. For specific warranty information, please refer to the warranty card included with your product or visit the official DEWALT website. For technical support, replacement parts, or service, please contact DEWALT customer service or an authorized service center.
You can also find additional support and product information on theDEWALT Store on Amazon.

Visual Aids

DEWALT Tire Inflator Overview



This image shows the overall design of the DEWALT Tire Inflator, highlighting its compact and portable nature with the prominent DEWALT branding and control panel.

Key Features Labeled



A detailed view of the inflator with labels indicating key features such as the high-pressure inflation mode, integrated LED light, ergonomic handle, convenient onboard accessory storage, and the threaded chuck for secure connections.

Onboard Accessory Storage



This image provides a close-up of the integrated storage compartment, showcasing how the various inflation accessories like the ball needle, Presta valve adapter, and high-pressure tapered nozzle are neatly organized and stored directly on the unit.

Bright LED Light



A detailed shot of the powerful LED light, positioned on the top handle, designed to illuminate the work area for convenient use in low-light conditions.

Maximum Versatility with Multiple Power Sources



The inflator is shown in a practical setting, highlighting its portability and ability to be powered by a 20V MAX battery, making it suitable for use anywhere, including remote job sites or roadside emergencies.

Convenient Automatic Shutoff



This image focuses on the digital display and control panel, emphasizing the automatic shutoff feature that ensures accurate inflation by stopping the compressor once the preset pressure is reached.

Official Product Videos

No official product videos from the seller are available for embedding based on the provided criteria.

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

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