

[Manuals.plus](#) /

› [Dong Cheng](#) /

› DongCheng 40V Cordless Leaf Blower and 20V Cordless Impact Wrench Instruction Manual

Dong Cheng B0D86YBRT3

DongCheng 40V Cordless Leaf Blower and 20V Cordless Impact Wrench Instruction Manual

Model: B0D86YBRT3

1. INTRODUCTION

This manual provides essential instructions for the safe operation, assembly, maintenance, and troubleshooting of your DongCheng 40V Cordless Leaf Blower and 20V Cordless Impact Wrench. Please read this manual thoroughly before using the tools to ensure proper function and to prevent injury.

The DongCheng combo kit includes a powerful 40V cordless leaf blower designed for clearing leaves and debris, and a versatile 20V cordless impact wrench suitable for various fastening and loosening tasks.

2. GENERAL SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electric 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 tools.
- **Wear appropriate personal protective equipment (PPE):** This includes safety glasses, hearing protection, and gloves.
- **Keep work area clean and well-lit:** Cluttered or dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres:** Do not use where flammable liquids, gases, or dust are present.
- **Keep children and bystanders away:** Distractions can cause you to lose control.
- **Avoid accidental 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 a small tool or attachment to do the job of a heavy-duty tool.
- **Maintain tools with care:** Keep cutting tools sharp and clean. Follow instructions for lubricating and changing

accessories.

- **Store idle tools:** When not in use, tools should be stored in a dry, high, or locked-up place, out of reach of children.
- **Disconnect battery pack:** Always disconnect the battery pack from the tool before making any adjustments, changing accessories, or storing the tool.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- 40V Cordless Leaf Blower
- 20V Cordless Impact Wrench
- 2 x 4.0Ah 40V Batteries (for Leaf Blower)
- 1 x 4.0Ah 20V Battery (for Impact Wrench)
- Battery Charger
- Shoulder Strap (for Leaf Blower)
- Instruction Manual

4. SETUP AND ASSEMBLY

4.1 Battery Charging

Before first use, fully charge all battery packs. The charger is compatible with both 40V and 20V DongCheng batteries.

1. Connect the charger to a standard power outlet.
2. Slide the battery pack onto the charger until it clicks into place.
3. The charger indicator light will show the charging status. A full charge typically takes 1 hour for a 4.0Ah battery.
4. Once fully charged, remove the battery from the charger.

4.2 Leaf Blower Assembly

1. Attach the blower tube to the main body of the leaf blower. Ensure it is securely fastened.
2. If desired, attach the shoulder strap to the designated points on the leaf blower for improved comfort during extended use.
3. Insert a charged 40V battery pack into the battery slot until it clicks.



40v
BRUSHLESS
MOTOR

UP TO
150
MINUTES
OF RUNTIME

DongCheng
10min on Turbo (150min on low speed)

Others
<10min on Turbo (<100min on low speed)

*Data based on internal lab testing

Image: DongCheng 40V Cordless Leaf Blower with a 40V battery inserted, highlighting the brushless motor and runtime.

4.3 Impact Wrench Setup

1. Select the appropriate 1/2 inch drive socket for your application.
2. Push the socket onto the anvil of the impact wrench until it is firmly seated.
3. Insert a charged 20V battery pack into the battery slot until it clicks.



4-Speed Mode

	0-500 RPM
	0-1200 RPM
	0-1900 RPM
	0-2200 RPM

Image: DongCheng 20V Cordless Impact Wrench showing the 4-speed mode indicator and battery connection.

5. OPERATING INSTRUCTIONS

5.1 Leaf Blower Operation

The leaf blower features variable speed control and a turbo function for enhanced performance.

1. **Starting:** Press the power switch to turn on the blower.
2. **Speed Adjustment:** Use the speed selection dial or trigger to adjust the airflow. The blower offers 6 speed selections for various tasks:
 - Speed 1-2: For gathering light leaves.
 - Speed 2-3: For cleaning dry leaves and small debris.
 - Speed 4-5: For cleaning stones and heavy wet leaves.
3. **Turbo Mode:** Press the 'Turbo' button for maximum blowing force (up to 140 MPH and 650 CFM) to clear stubborn debris.

4. **Stopping:** Release the power switch to turn off the blower.



Image: A person operating the DongCheng 40V Cordless Leaf Blower, demonstrating its power to clear leaves.

6 SPEED SELECTIONS

Customizable control to different cleaning tasks



Speed 1-2

Gather Leaves



Speed 2-3

Clean dry leaves and small debris



Speed 4-5

Clean Stones and Heavy wet leaves



Turbo

Extra Power for debris & dirt cleaning



Image: Close-up view of the DongCheng 40V Cordless Leaf Blower's control panel, illustrating the 6 speed selections and turbo button.

5.2 Impact Wrench Operation

The impact wrench offers 4-speed modes and forward/reverse functionality.

1. **Power On/Off:** Press the trigger to activate the wrench. Release to stop.
2. **Speed Mode Selection:** Use the mode selector button to cycle through the 4 available speed settings. Each mode provides a different RPM range for precise control:
 - Mode 1: 0-500 RPM
 - Mode 2: 0-1200 RPM
 - Mode 3: 0-1900 RPM
 - Mode 4: 0-2200 RPM
3. **Forward/Reverse:** Use the directional switch located near the trigger to select forward (tightening) or reverse (loosening) rotation. Ensure the switch is in the center position for safety when not in use.
4. **Applying Torque:** For tightening, select forward rotation and the desired speed mode. For loosening, select

reverse rotation. The wrench provides up to 515 ft-lbs (698 N.m) for tightening and 670 ft-lbs (910 N.m) for loosening.

IMPRESSIVE RUN-TIME

Up to 500 M20 screws



Image: A worker using the DongCheng 20V Cordless Impact Wrench to fasten bolts on a metal structure, highlighting its runtime capability.

Forward and Reverse

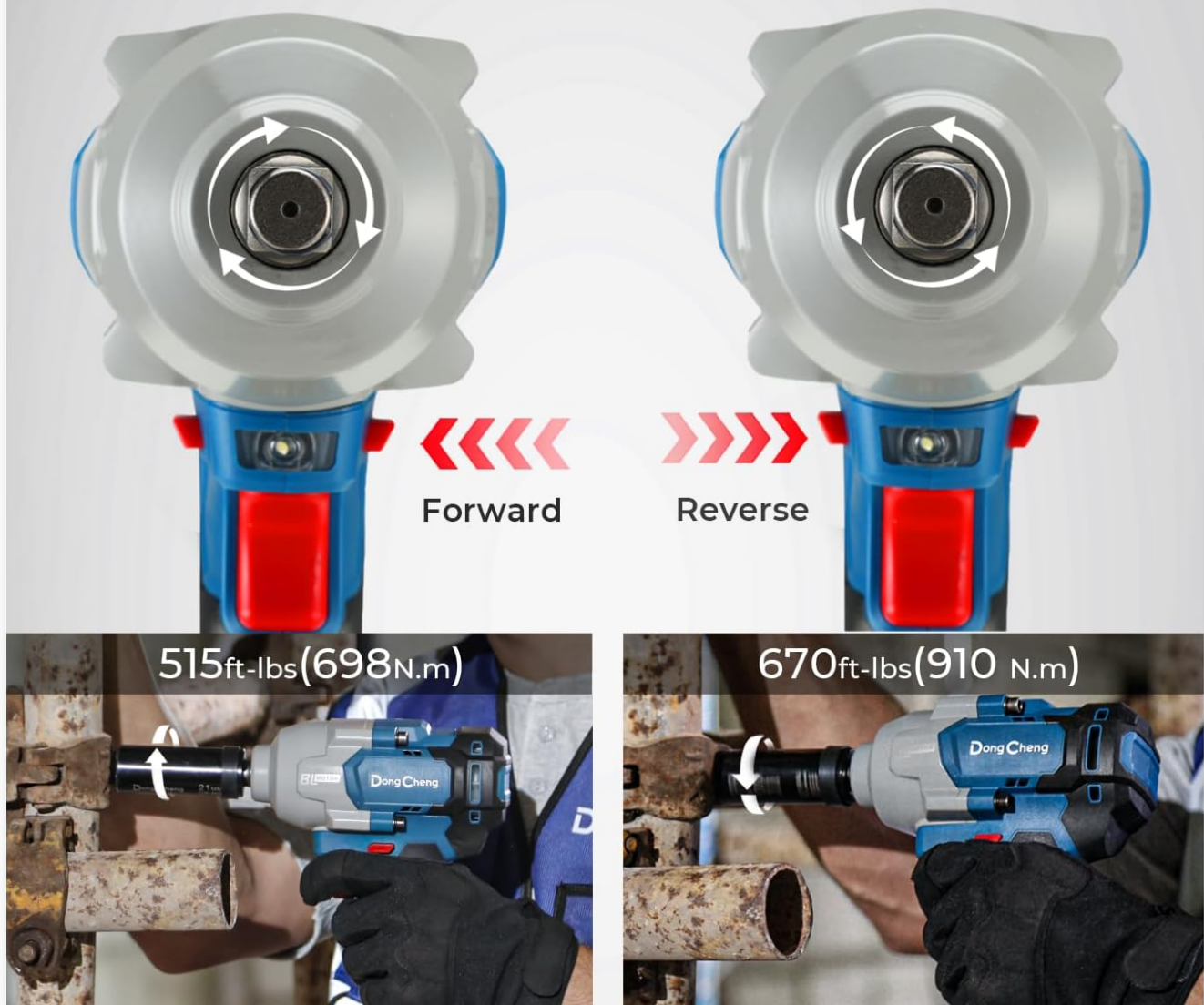


Image: Illustration of the DongCheng 20V Cordless Impact Wrench's forward and reverse functions, detailing the maximum tightening (515 ft-lbs) and loosening (670 ft-lbs) torque.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your tools.

- **Cleaning:** After each use, wipe down the tools with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure ventilation openings are free of dust and debris.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight. Do not store batteries in a discharged state for extended periods. Charge batteries fully before storage and every 3-6 months if not in use.
- **Inspection:** Periodically inspect the tools for any signs of damage, loose fasteners, or worn parts. Do not use damaged tools.
- **Brushless Motors:** Both tools feature brushless motors, which require less maintenance compared to brushed motors. No carbon brush replacement is needed.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly inserted.	Ensure battery is fully charged and correctly inserted until it clicks.
Reduced power/performance	Low battery charge. Obstruction in leaf blower nozzle. Incorrect speed mode selected for impact wrench.	Recharge battery. Clear any obstructions from the blower nozzle. Select a higher speed mode on the impact wrench.
Battery not charging	Charger not plugged in. Faulty battery or charger.	Check power connection. Try a different outlet. If problem persists, contact customer support.
Leaf blower vibrates excessively	Loose blower tube. Internal damage.	Ensure blower tube is securely attached. If vibration continues, discontinue use and contact customer support.

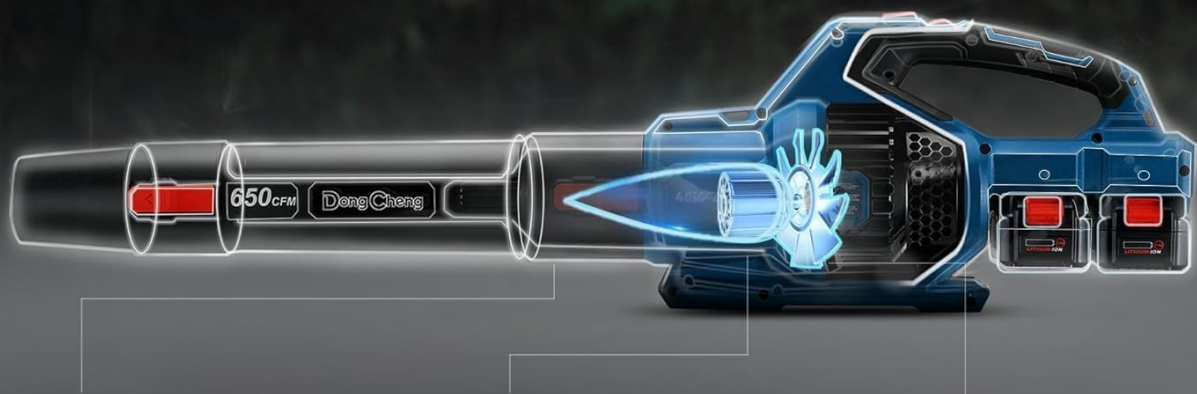
8. SPECIFICATIONS

8.1 DongCheng 40V Cordless Leaf Blower

- **Brand:** Dong Cheng
- **Form Factor:** Handheld
- **Air Flow Capacity:** 650 CFM (Cubic Feet Per Minute)
- **Air Speed:** Up to 140 MPH (Miles Per Hour) with Turbo Tech
- **Motor:** Brushless
- **Battery:** 40V (2 x 4.0Ah included)
- **Runtime:** Up to 150 minutes (low speed), 10 minutes (turbo)
- **Noise Level:** 65 Decibels
- **Weight:** 8.6 lbs (including battery)
- **Special Features:** Adjustable Speed, Lightweight, Rechargeable, Shoulder Strap

BRAND NEW UPGRADE

The entire fan and duct undergo 100+ rounds of CAE
(Computer-Aided Engineering) and laboratory simulation analysis



30%

OPTIMAL DUCT DESIGN -
REDUCED AIR VOLUME
LOSS BY **30%**

50%

BRUSHLESS EXTERNAL
ROTOR MOTOR - POWERFUL
INCREASED BY **50%** &
NOISE DECREASED BY **20%**

20%

OPTIMAL BLADE
DESIGN - INCREASED
AIR VOLUME BY **20%**

Image: Internal diagram of the DongCheng Leaf Blower, illustrating optimal duct design, brushless external rotor motor, and optimal blade design for improved performance.

8.2 DongCheng 20V Cordless Impact Wrench

- **Brand:** Dong Cheng
- **Max Torque (Tightening):** 515 ft-lbs (698 N.m)
- **Max Torque (Loosening):** 670 ft-lbs (910 N.m)
- **Drive Size:** 1/2 inch
- **Speed Modes:** 4 (0-500 RPM, 0-1200 RPM, 0-1900 RPM, 0-2200 RPM)
- **Motor:** Brushless
- **Battery:** 20V (1 x 4.0Ah included)
- **Special Features:** Variable Speed Trigger, Forward/Reverse Control

POWER 20V MAX



POWERS 50+ TOOLS



Image: The DongCheng 20V 4.0Ah Lithium-ion battery, illustrating its compatibility with over 50 DongCheng tools.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Dong Cheng website. Keep your purchase receipt as proof of purchase.

Customer Service: Please contact Dong Cheng customer support for any questions or issues not covered in this manual.

