

Ingco B0D83PVJD2

INGCO Cordless Circular Saw Instruction Manual

Model: B0D83PVJD2

1. INTRODUCTION

This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your INGCO Cordless Circular Saw, Model B0D83PVJD2. Please read and understand all instructions before using the tool to ensure safe and effective operation.

2. SAFETY INSTRUCTIONS

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

General Power Tool Safety Warnings

- **Work Area Safety:** Keep the work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection, hearing protection, and a dust mask when operating the saw. Dress properly; avoid loose clothing or jewelry. Secure long hair. Stay alert, watch what you are doing, and use common sense.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Kickback Prevention:** Maintain a firm grip on the saw with both hands. Avoid cutting into existing walls or other blind areas where hidden objects may cause kickback.
- **Blade Safety:** Ensure the blade is sharp and correctly installed. Never use damaged or incorrect blades.

3. PACKAGE CONTENTS

The following items are included with your INGCO Cordless Circular Saw (Model B0D83PVJD2):

- 1 x INGCO Cordless Circular Saw (Body Only)
- 1 x 140mm Saw Blade

Note: Battery and charger are sold separately.

P20S

BL MOTOR

140mm



**Battery
and charger
sold separately**



Image 3.1: INGCO Cordless Circular Saw with indication that battery and charger are sold separately.

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your circular saw before operation.



Image 4.1: Main view of the INGCO Cordless Circular Saw. Key components include the main handle, auxiliary handle, blade guard, depth adjustment lever, bevel adjustment lever, and dust extraction port.

Key Components:

- **Main Handle:** For gripping and controlling the saw.
- **Trigger Switch:** Activates the motor.
- **Safety Lock-off Button:** Prevents accidental starting.
- **Blade Guard:** Retracts during cutting to expose the blade and covers it when not in use.
- **Depth Adjustment Lever:** Allows setting the desired cutting depth.
- **Bevel Adjustment Lever:** Allows setting the desired cutting angle (0-45 degrees).
- **Dust Extraction Port:** Connects to a vacuum system for dust collection.
- **Spindle Lock Button:** Engages to lock the spindle for blade changes.
- **Brushless Motor:** Provides efficient power and extended tool life.



Image 4.2: Detail of the brushless motor housing and the cutting depth adjustment mechanism.

5. SETUP

5.1 Battery Installation

1. Ensure the saw is turned off and the safety lock is engaged.
2. Align the battery pack with the battery port on the saw.
3. Slide the battery pack into the port until it clicks securely into place.
4. To remove, press the battery release button and slide the battery out.

5.2 Blade Installation and Removal

1. **Safety First:** Disconnect the battery pack before changing the blade.
2. Press and hold the spindle lock button to prevent the blade from rotating.
3. Using the appropriate wrench (not included), loosen the arbor nut by turning it counter-clockwise.
4. Remove the outer flange and the old blade.
5. Clean any sawdust or debris from the arbor and flanges.

6. Place the new 140mm blade onto the arbor, ensuring the rotation direction arrow on the blade matches the arrow on the saw's upper guard.
7. Replace the outer flange and tighten the arbor nut clockwise with the wrench while holding the spindle lock button. Do not overtighten.

5.3 Adjusting Cutting Depth

The cutting depth can be adjusted to match the thickness of your workpiece.

1. Ensure the saw is disconnected from the power source (battery removed).
2. Loosen the depth adjustment lever.
3. Raise or lower the saw base to achieve the desired cutting depth. The blade should extend approximately 3-6mm below the workpiece.
4. Tighten the depth adjustment lever securely.

5.4 Adjusting Bevel Angle

The saw can make bevel cuts from 0 to 45 degrees.

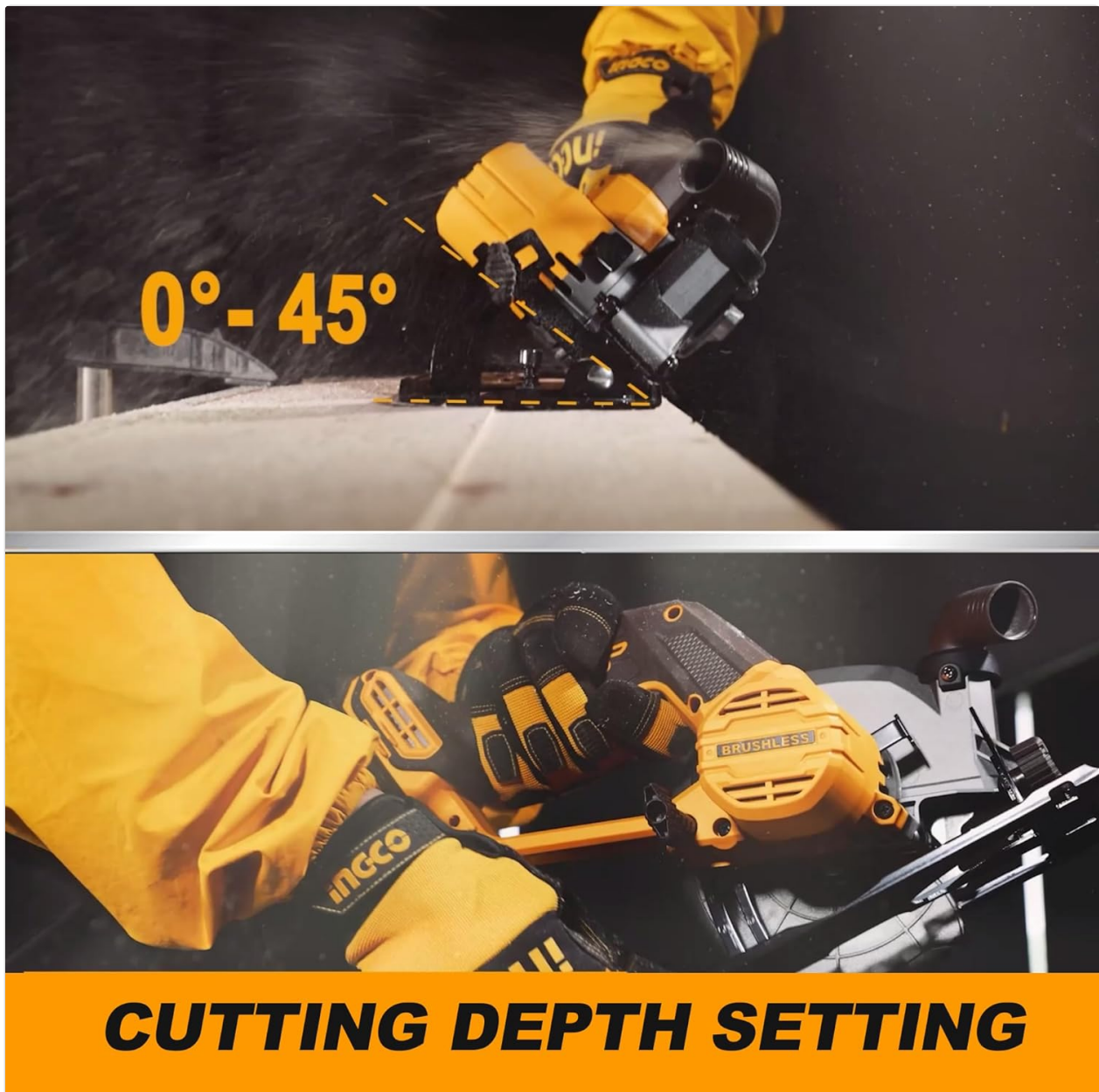


Image 5.1: The saw demonstrating its 0-45 degree bevel cutting capability.

1. Ensure the saw is disconnected from the power source (battery removed).
2. Loosen the bevel adjustment lever.
3. Tilt the saw base to the desired angle (indicated on the bevel scale).
4. Tighten the bevel adjustment lever firmly.

6. OPERATING INSTRUCTIONS

6.1 Starting and Stopping the Saw

1. To start the saw, press the safety lock-off button, then squeeze the trigger switch.
2. To stop the saw, release the trigger switch.

6.2 Making a Cut

1. Secure your workpiece firmly to prevent movement during cutting.
2. Align the saw blade with your cutting line.
3. Start the saw and allow the blade to reach full speed before contacting the workpiece.
4. Guide the saw smoothly and steadily through the material. Do not force the saw.
5. Maintain a firm grip with both hands throughout the cut.
6. Once the cut is complete, release the trigger and allow the blade to stop completely before lifting the saw from the workpiece.

6.3 Dust Management

The circular saw is equipped with a dust extraction port to help manage sawdust. Connect a suitable vacuum system to this port for cleaner operation.



VACUUMING

Image 6.1: The saw in operation, demonstrating dust extraction capability.

7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your circular saw.

- **Cleaning:** After each use, clean the saw with a soft cloth to remove dust and debris. Use compressed air to clear dust from vents. Do not use solvents.
- **Blade Inspection:** Regularly inspect the saw blade for sharpness, cracks, or missing teeth. Replace dull or damaged blades immediately.
- **Battery Care:** Follow the manufacturer's instructions for charging and storing battery packs.
- **General Inspection:** Check all screws and fasteners for tightness. Ensure all moving parts operate smoothly.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your circular saw.

Problem	Possible Cause	Solution
Saw does not start	Battery not charged or improperly installed; Safety lock not disengaged; Faulty switch.	Charge battery and ensure proper installation; Press safety lock-off button before trigger; Contact support if switch is faulty.
Poor cutting performance / Blade binds	Dull or damaged blade; Incorrect cutting depth; Forcing the saw; Workpiece not secured.	Replace blade; Adjust cutting depth; Allow saw to work at its own pace; Secure workpiece firmly.
Excessive vibration	Damaged blade; Loose blade or arbor nut.	Inspect and replace blade if damaged; Ensure blade and arbor nut are securely tightened.

9. SPECIFICATIONS

Technical data for the INGCO Cordless Circular Saw (Model B0D83PVJD2).

Feature	Specification
Brand	Ingco
Model Number	B0D83PVJD2
Motor Type	Brushless
Voltage	20V
No-load Speed	6300 rpm
Blade Diameter	140mm (5-1/2")
Arbor Size	20mm
Max. Cutting Depth (90°)	50mm
Max. Cutting Depth (45°)	33mm
Adjustable Bevel Angle	0-45°
Product Dimensions	29.9L x 17.5W x 27.3H Centimeters
Item Weight	0.21 Kilograms (Tool body only)
Included Components	1 Pcs 140mm blade

10. WARRANTY AND SUPPORT

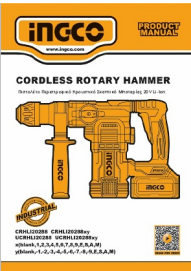



INGCO products undergo strict quality inspection. For any service inquiries or support, please refer to the contact information below.

- **Online Support:** 7*24 online support service is available.
- **Manufacturer Contact:** +91 95605 23925

- **Warranty:** This product typically comes with a 6-month warranty. Please retain your purchase receipt for warranty claims.

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Related Documents - B0D83PVJD2

	<p>INGCO Cordless Rotary Hammer Product Manual</p> <p>This manual provides comprehensive instructions for the INGCO Cordless Rotary Hammer (models CRHLI20288, CRHLI202882, UCRHLI20288, UCRHLI20288xy), covering safety, operation, maintenance, technical specifications, and troubleshooting.</p>
	<p>INGCO CIDLI20602: Οδηγός Χρήσης για Δραπανοκατσάβιδο Μπαταρίας 20V Li-Ion</p> <p>Ανακαλύψτε πώς να χρησιμοποιείτε με ασφάλεια και αποτελεσματικότητα το δραπανοκατσάβιδο μπαταρίας INGCO 20V Li-Ion (μοντέλα CIDLI20602, UCIDLI20602, CIDLI206021, κ.α.). Ο πλήρης οδηγός περιλαμβάνει οδηγίες ασφαλείας, λειτουργίας, τεχνικές προδιαγραφές και συντήρηση.</p>
	<p>INGCO CIDLI20968 Brushless Cordless Impact Drill User Manual</p> <p>Comprehensive user manual for the INGCO Brushless Cordless Impact Drill (CIDLI20968 series). Includes detailed operating instructions, safety guidelines, technical specifications, maintenance, and troubleshooting for this powerful cordless tool.</p>
	<p>INGCO Compact Brushless Cordless Drill User Manual</p> <p>User manual and safety instructions for the INGCO Compact Brushless Cordless Drill (models CDLI20668, UCIDLI20668 series). Covers operation, specifications, and maintenance.</p>



[INGCO 20V Cordless Drill Driver & Impact Wrench User Manual and Specifications](#)

User manual and technical specifications for INGCO 20V Li-Ion cordless drill drivers (CDLI series) and impact wrenches (CIRLI series). Covers safety, operation, maintenance, battery/charger information, and product specifications including model numbers like CDLI20453 and CIRLI2028.



[INGCO Cordless Lithium-Ion Impact Wrench CIWLI2085xy - Product Manual & Safety Guide](#)

Comprehensive product manual for the INGCO 20V Li-Ion Cordless Impact Wrench (CIWLI2085xy). Includes safety instructions, technical specifications, operation guide, troubleshooting, and warranty information.