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> Kobalt 24-Volt Max Lithium Ion (Li-ion) 1/4-in Cordless Variable Speed Brushless Impact Driver User Manual

## Kobalt KID 1324A-03

# Kobalt 24-Volt Max Lithium Ion (Li-ion) 1/4-in Cordless Variable Speed Brushless Impact Driver

## USER MANUAL

### Product Overview

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The Kobalt 24-Volt Max Lithium Ion (Li-ion) 1/4-inch Cordless Variable Speed Brushless Impact Driver is engineered for demanding tasks, designed to efficiently drive and remove fasteners from various materials like wood and metal. Its robust brushless motor ensures durability and high performance.

Key features of this impact driver include:

- **Kobalt 24-volt max 1/4-in cordless impact driver** comes with a 24-volt max high-capacity Li-ion battery, charger, belt clip, single-ended driver bit, bit holder and soft bag.
- **Brushless, highly-efficient motor** delivers 3,500-IPM and up to 1,800-in-lbs of torque.
- **Electronic variable-speed control** with 3 speed settings (0-850, 0-2,000 and 0-2,700 RPM) and a finish mode for precise control.
- **1/4-in quick-release collet** allows you to easily change out bits.
- **Belt clip, bit holder and quick-release collet** add convenience.



Figure 1: The Kobalt 24-Volt Max Impact Driver kit, showcasing the driver unit, a 24V Max Lithium Ion battery, a battery charger, and a soft

carrying bag for convenient storage and transport.

## Setup and Assembly

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### 1. Battery Installation and Charging

The impact driver operates on a 24-volt max 2.0 Ah Lithium Ion battery pack. Ensure the battery is fully charged before initial use.

1. To install the battery, align the battery pack with the base of the tool and slide it in until it clicks securely into place.
2. To remove the battery, press the battery release latches on both sides of the battery pack and pull it out.
3. To charge the battery, insert the battery pack into the charger. The charger's indicator lights will show the charging status.



Figure 2: Left: A 24V Max Lithium Ion battery connected to its charger, indicating the charging process. Right: The Kobalt 24V Max battery charger, designed for efficient and safe charging of the battery packs.

### 2. Bit Installation

The impact driver features a 1/4-inch quick-release collet for easy bit changes.

1. Pull the quick-release collet forward to open the chuck.
2. Insert the desired 1/4-inch hex shank bit fully into the chuck.
3. Release the quick-release collet to secure the bit. Tug on the bit to ensure it is firmly seated.



Figure 3: A detailed view of the impact driver's front, highlighting the 1/4-inch quick-release collet designed for rapid and secure bit changes.

### 3. Attaching the Belt Clip

For convenient access and hands-free carrying, the included belt clip can be attached to either side of the tool.

1. Locate the screw hole on the side of the tool where you wish to attach the belt clip.
2. Align the belt clip with the hole and secure it with the provided screw.



Figure 4: The Kobalt impact driver shown with its detachable metal belt clip, providing a convenient way to carry the tool during work.

## Operating Instructions

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## 1. Variable Speed Control and Speed Settings

The impact driver features a variable speed trigger and a 3-speed selector switch for optimal control over various applications.

- **Variable Speed Trigger:** The speed of the tool is controlled by the amount of pressure applied to the trigger. More pressure results in higher speed.
- **3-Speed Selector Switch:** Located on top of the tool, this switch allows you to select between three maximum speed settings:
  - Setting 1: 0-850 RPM (for delicate tasks or starting fasteners)
  - Setting 2: 0-2,000 RPM (for general driving)
  - Setting 3: 0-2,700 RPM (for maximum power and speed)



Figure 5: The impact driver in use, demonstrating its capability to drive fasteners into wood with precision and power.

## 2. Finish Mode

The optional "Finish" mode button provides precise control for delicate operations, preventing over-driving of fasteners and reducing the risk of damage.

When activated, the driver's action switches to short bursts, allowing for fine adjustments and controlled seating of fasteners.



Video 1: Official product video demonstrating the features and operation of the Kobalt 24-Volt Max Impact Driver, including the variable speed control and finish mode for precise fastening.

## 3. LED Work Light

A built-in LED light illuminates the work area, improving visibility in dimly lit conditions. The light activates automatically when the trigger is pressed.



Figure 6: A close-up view of the impact driver's front, showing the integrated LED light actively illuminating the fastening point for improved visibility.

#### 4. Electric Brake

For enhanced safety and control, the impact driver is equipped with an electric brake. This feature immediately stops the rotation of the chuck when the trigger is released, preventing over-tightening and reducing the risk of injury.

### Maintenance

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Regular maintenance ensures the longevity and optimal performance of your Kobalt impact driver.

#### 1. Cleaning

- Keep the ventilation openings clear and free of debris to prevent overheating.
- Use a clean, damp cloth to wipe down the exterior of the tool. Do not use harsh chemicals or abrasive cleaners.
- Periodically clean the chuck to ensure smooth bit insertion and removal.

#### 2. Battery Care

- Always store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not store batteries in a discharged state for extended periods. Recharge them periodically if not in use.
- Avoid dropping or subjecting batteries to physical shock.

#### 3. Storage

When not in use, store the impact driver, battery, and charger in the included soft carrying bag to protect them from dust and damage.



Figure 7: The durable soft carrying bag provided with the Kobalt impact driver, ideal for protecting and organizing the tool and its accessories.

## Troubleshooting

If you encounter issues with your Kobalt impact driver, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tool does not turn on.	Battery not charged or improperly installed.	Ensure battery is fully charged and securely seated in the tool.
Reduced power or performance.	Low battery charge; worn or incorrect bit; tool overheating.	Recharge battery; replace bit if worn; ensure correct bit for application; allow tool to cool down.
Bit slips or does not hold.	Bit not fully inserted; quick-release collet not fully engaged.	Ensure bit is fully inserted and collet is released to secure it.
Excessive vibration or noise.	Loose components; damaged bit.	Check for loose parts and tighten if necessary. Replace damaged bits. If problem persists, contact support.

## Specifications

Attribute	Value
Brand	Kobalt
Model Number	KID 1324A-03
Power Source	Battery Powered
Voltage	24 Volts

Attribute	Value
Maximum Rotational Speed	2700 RPM
Maximum Torque	1800 Inch Pounds
Number of Speeds	3
Chuck Size	1/4-inch (Hex)
Item Weight	2.43 pounds
Product Dimensions	5.63 x 2.56 x 8 inches
Battery Type	Lithium Ion (2.0 Ah)
Special Features	Variable Speed, Brushless Motor, LED Light, Electric Brake, Finish Mode
Included Components	Impact Driver, 24V Max Li-ion Battery, Charger, Belt Clip, Single-ended Driver Bit, Bit Holder, Soft Bag
UPC	692042006456

## Warranty and Support

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For detailed warranty information, please refer to the warranty card included with your product or visit the official Kobalt website. Keep your purchase receipt as proof of purchase for any warranty claims.

If you require technical assistance, replacement parts, or have questions not covered in this manual, please contact Kobalt customer support. Contact information can typically be found on the product packaging or the official Kobalt website.