

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Kobalt](#) /
- › [Kobalt 24V MAX Brushless 2 Tool Combo Kit User Manual](#)

Kobalt 43308-8247

Kobalt 24V MAX Brushless 2 Tool Combo Kit User Manual

Model: 43308-8247

INTRODUCTION

This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your Kobalt 24V MAX Brushless 2 Tool Combo Kit. This kit includes a 1/2-inch drill/driver and a 1/4-inch impact driver, designed for various drilling and fastening applications. Please read this manual thoroughly before using the tools to ensure proper and safe usage.



Image: The Kobalt 24V MAX Brushless 2 Tool Combo Kit, featuring the drill/driver, impact driver, 24V MAX Li-ion battery, charger, and a contractor bag.

SAFETY INFORMATION

Always follow basic safety precautions when using power tools to reduce the risk of fire, electric shock, and personal injury. Keep your work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Keep children and bystanders away while operating a power tool. Wear appropriate personal protective equipment, including eye protection, hearing protection, and gloves.

Ensure the tool is switched off before making any adjustments, changing accessories, or storing. Disconnect the battery pack from the tool before making any adjustments or changing accessories. Use the correct tool for your application. Do not force the tool. Use the correct battery pack for the specific tool. Do not modify or attempt to repair the tool or battery pack.

PACKAGE CONTENTS

Your Kobalt 24V MAX Brushless 2 Tool Combo Kit should include the following items:

- 1/2-inch Drill/Driver
- 1/4-inch Impact Driver
- 24-volt MAX High-Capacity Li-ion Battery
- Battery Charger
- 1 Double-Ended Driver Bit
- 1 Single-Ended Driver Bit
- 2 Bit Holders
- 2 Belt Clips
- Auxiliary Handle (for Drill/Driver)
- Contractor Bag

SETUP

1. Battery Charging

Before first use, fully charge the 24-volt MAX Li-ion battery. Insert the battery pack into the charger, ensuring it clicks into place. The charger's indicator lights will show the charging status. Once fully charged, remove the battery from the charger.

2. Attaching Battery to Tool

Align the battery pack with the base of the tool (drill/driver or impact driver) and slide it in until it clicks securely into place. To remove, press the battery release button and slide the battery out.

3. Attaching Bits

- **For Drill/Driver:** Twist the keyless all-metal chuck counter-clockwise to open the jaws. Insert the desired drill bit or driver bit into the chuck. Twist the chuck clockwise to tighten the jaws securely around the bit.
- **For Impact Driver:** Pull the quick-release collar forward, insert the 1/4-inch hex shank bit, and release the collar. The bit will lock into place.

4. Attaching Auxiliary Handle (Drill/Driver)

The auxiliary handle provides additional control and stability, especially for high-torque applications. Slide the handle over the front of the drill/driver and rotate it to your desired position. Tighten the handle by twisting its base clockwise until secure.

5. Attaching Belt Clips

The belt clips can be attached to either side of the drill/driver or impact driver using the provided screws. This allows for convenient temporary storage of the tool on a belt or pocket.

OPERATING INSTRUCTIONS

1. 1/2-inch Drill/Driver

- **Power and Torque:** Features a brushless motor delivering up to 650 in-lbs of torque for demanding applications.
- **Speed Settings:** Utilize the 2-speed gearbox (typically a switch on top of the tool) to select between low speed for high torque applications (e.g., driving screws) and high speed for faster drilling.

- **Variable-Speed Trigger:** The trigger allows for precise speed control. Pressing the trigger further increases the rotational speed.
- **Forward/Reverse Switch:** Located above the trigger, this switch controls the direction of rotation. Set to forward for drilling/driving and reverse for removing screws or freeing jammed bits.
- **Built-in LED:** An integrated LED light illuminates the work area when the trigger is pressed, improving visibility and accuracy.

2. 1/4-inch Impact Driver

- **Power and Torque:** Equipped with a brushless motor that delivers up to 1,800 in-lbs of torque, ideal for driving large fasteners.
- **Electronic Speed Control:** Features 3 speed settings to match the application:
 - Setting 1: 0-850 RPM (for delicate work or starting screws)
 - Setting 2: 0-2,000 RPM (general fastening)
 - Setting 3: 0-2,700 RPM (maximum speed and impact for heavy-duty fastening)

Adjust the speed setting using the dedicated button or switch on the tool.

- **Variable-Speed Trigger:** Provides fine control over the rotational speed and impact frequency.
- **Forward/Reverse Switch:** Similar to the drill/driver, controls the direction of rotation.
- **Built-in LED:** Illuminates the work area for better visibility.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tools.

- **Cleaning:** Keep the tool's ventilation openings clear and free of debris. Use a clean, dry cloth to wipe down the tool. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Do not store fully discharged batteries for extended periods. Charge batteries regularly, even if not in use, to maintain their health.
- **Storage:** When not in use, store the tools, battery, and charger in the provided contractor bag or a secure, dry location out of reach of children.
- **Inspection:** Periodically inspect the power cord of the charger for damage. Check the tool for any loose screws, damaged parts, or excessive wear. Do not use damaged tools.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start.	Battery not inserted correctly. Battery is discharged. Tool is damaged.	Ensure battery is fully seated. Charge the battery. If problem persists, contact customer support.
Battery not charging.	Charger not plugged in. Battery or charger is faulty.	Check power connection. Try another outlet. If problem persists, contact customer support.
Reduced power/performance.	Battery is low. Wrong speed setting. Overload.	Recharge battery. Adjust speed setting. Reduce load on the tool.

Problem	Possible Cause	Solution
Bit slips in chuck (Drill/Driver).	Chuck not tightened sufficiently. Bit shank is dirty or damaged.	Ensure chuck is tightened firmly. Clean or replace bit.

SPECIFICATIONS

Feature	Specification
Brand	Kobalt
Model Number	43308-8247
Power Source	Battery-Powered
Voltage	24 Volts
Battery Type	Lithium Ion
Number of Batteries Included	1
Drill/Driver Torque	Up to 650 in-lbs
Impact Driver Torque	Up to 1,800 in-lbs
Impact Driver Max RPM	2,700 RPM
Item Weight	6.61 pounds (total kit)
Product Dimensions	12 x 10 x 7.4 inches
Material	Metal
Number of Pieces	2 (tools)

WARRANTY AND SUPPORT

For information regarding warranty coverage, service, or technical support for your Kobalt 24V MAX Brushless 2 Tool Combo Kit, please refer to the warranty card included with your purchase or visit the official Kobalt website. You may also contact Kobalt customer service directly for assistance with product inquiries or troubleshooting beyond the scope of this manual.

Keep your purchase receipt as proof of purchase for any warranty claims.