

## Kobalt 672828

# Kobalt 24-Volt Max-Volt 3/8-in Drive Cordless Impact Wrench (Model #672828) Instruction Manual

## 1. SAFETY INFORMATION

Always read and understand all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury. Save all warnings and instructions for future reference.

### General Power Tool Safety Warnings

- **Work Area Safety:** Keep 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. Power tools create sparks which may ignite the dust or fumes.
- **Electrical Safety:** Avoid body contact with grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is grounded.
- **Personal Safety:** Always wear eye protection. Use appropriate personal protective equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection for appropriate conditions.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

## 2. PRODUCT OVERVIEW

The Kobalt 24-Volt Max-Volt 3/8-in Drive Cordless Impact Wrench (Model #672828) is a versatile and powerful tool designed for efficient fastening and loosening tasks. Its compact size makes it ideal for working in tight spaces, while the brushless motor ensures long-lasting performance and high torque output.

### Key Features:

- **Brushless Motor:** Delivers 150-ft-lbs of torque in forward and reverse for effortless tightening and removal of large bolts.
- **Electronic Variable-Speed Control:** Generates up to 2,300-RPM at no-load speed and 3,500-IPM for faster application speed.

- **Built-in LED Work Light:** Illuminates dimly lit work spaces for improved visibility.
- **Compatibility:** Compatible with all Kobalt 24-volt max batteries and chargers (sold separately).



Figure 1: Kobalt 24-Volt Max-Volt 3/8-in Drive Cordless Impact Wrench. This image shows the main product unit with its battery attached, highlighting its compact design and blue/black color scheme.

### 3. SPECIFICATIONS

Specification	Value
Brand	Kobalt
Model Number	672828
Voltage	24 Volts
Drive Size	3/8-in
Max Fastening Torque	150 Foot Pounds
No-Load Speed	Up to 2,300 RPM
Impacts Per Minute (IPM)	Up to 3,500 IPM
Item Weight	2.4 Pounds
Item Length	8.5 Inches
Material	Aluminum
Color	Blue

## 4. SETUP

### Battery Installation

1. Ensure the impact wrench is turned off and the forward/reverse switch is in the center (locked) position.
2. Align the battery pack with the battery port on the bottom of the tool.
3. Slide the battery pack into the tool until it clicks securely into place. Ensure it is fully seated.
4. To remove the battery, press the release button on the battery pack and slide it out of the tool.

### Socket Installation

1. Ensure the impact wrench is turned off.
2. Align the square drive of the desired 3/8-inch socket with the anvil on the impact wrench.
3. Push the socket firmly onto the anvil until it locks into place. A detent pin or hog ring mechanism will secure the socket.
4. To remove, pull the socket firmly off the anvil.

## 5. OPERATING INSTRUCTIONS

### Powering On/Off

- To turn the tool on, squeeze the variable-speed trigger. The LED work light will illuminate.
- To turn the tool off, release the variable-speed trigger.

### Forward/Reverse Operation

- The forward/reverse switch is located above the trigger.
- Push the switch to the left for forward rotation (tightening).
- Push the switch to the right for reverse rotation (loosening).
- For safety, place the switch in the center position to lock the trigger and prevent accidental startup.

### Variable Speed Control

- The tool's speed is controlled by the amount of pressure applied to the trigger.
- Squeeze the trigger gently for lower speeds and increased control.
- Squeeze the trigger fully for maximum speed and power.



Figure 2: The impact wrench being used to remove a bolt. This image demonstrates the tool's application in a practical scenario, showing its compact size and ease of handling.

## 6. MAINTENANCE

### Cleaning

- Keep the tool's air vents clear and free of debris to prevent overheating.
- Use a clean, damp cloth to wipe down the exterior of the tool. Do not use solvents or harsh chemicals.

### Storage

- Store the tool and battery in a cool, dry place away from direct sunlight and excessive heat.
- Remove the battery pack from the tool before storing for extended periods.

## 7. TROUBLESHOOTING

### Tool Not Starting

- **Check Battery:** Ensure the battery pack is fully charged and properly inserted into the tool.
- **Check Forward/Reverse Switch:** Make sure the switch is not in the center (locked) position.

### Low Power/Performance

- **Recharge Battery:** A low battery charge can significantly reduce power output.
- **Inspect Socket:** Ensure the correct size and type of socket is being used and that it is not worn or damaged.

## **8. WARRANTY AND SUPPORT**

For warranty information, service, or support regarding your Kobalt 24-Volt Max-Volt 3/8-in Drive Cordless Impact Wrench (Model #672828), please refer to the documentation included with your product at the time of purchase or visit the official Kobalt website. Keep your proof of purchase for any warranty claims.