

## Snap-on CT8850

# Snap-On 18V 1/2" Drive Green MonsterLithium Impact Wrench Kit User Manual

Model: CT8850

Brand: Snap-on

## 1. PRODUCT OVERVIEW

The Snap-On 18V 1/2" Drive Green MonsterLithium Impact Wrench Kit (Part #CT8850GK2) is a high-performance cordless tool designed for professional use in automotive, industrial, and general maintenance applications. This kit provides powerful fastening and loosening capabilities for various bolts and nuts, offering portability and efficiency with its MonsterLithium battery technology.

The kit includes the impact wrench, two 5 Ah MonsterLithium batteries, a dual-charger, and this instruction manual, ensuring you have everything needed for immediate operation.

## 2. SAFETY INFORMATION

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

- **Read all instructions:** Familiarize yourself with the tool's operation and safety guidelines before use.
- **Wear eye protection:** Always wear ANSI-approved safety goggles or safety glasses with side shields.
- **Wear hearing protection:** Prolonged exposure to noise from power tools can cause hearing damage.
- **Keep work area clean and well-lit:** Cluttered or dark areas invite accidents.
- **Do not operate in explosive atmospheres:** Do not use power tools in the presence of flammable liquids, gases, or dust.
- **Secure workpiece:** Always clamp or otherwise secure the workpiece to prevent movement during operation.
- **Use correct tool for the job:** Do not force a small tool or attachment to do the work of a heavy-duty tool.
- **Maintain tools with care:** Keep cutting tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories.
- **Battery Safety:** Use only specified chargers and batteries. Do not short-circuit, incinerate, or expose batteries to high temperatures.

## 3. PACKAGE CONTENTS

Your Snap-On 18V 1/2" Drive Green MonsterLithium Impact Wrench Kit (Part #CT8850GK2) should include the following items:

- 1 x Snap-On 18V 1/2" Drive MonsterLithium Impact Wrench
- 2 x Snap-On 5 Ah MonsterLithium Batteries
- 1 x Snap-On Dual-Charger
- 1 x Instruction Manual
- 1 x Carry Bag



Image 1: The Snap-On 18V 1/2" Drive Green MonsterLithium Impact Wrench Kit contents, including the impact wrench, batteries, and charger, neatly packed in the box.





Image 2: The black Snap-On branded carry bag, designed for convenient storage and transport of the impact wrench kit components.

## 4. SETUP

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### 4.1 Charging the Batteries

1. Connect the dual-charger to a standard electrical outlet.
2. Slide the 5 Ah MonsterLithium batteries into the charging slots on the dual-charger. Ensure they are fully seated.
3. The charger's indicator lights will show the charging status. Refer to the charger's specific manual for detailed light indications.
4. Once fully charged, remove the batteries from the charger.

### 4.2 Installing/Removing Batteries

- **To Install:** Align the battery with the battery port on the impact wrench and slide it in until it clicks securely into place.
- **To Remove:** Press the battery release button(s) on the side of the battery and slide the battery out of the tool.

### 4.3 Attaching/Removing Sockets

- **To Attach:** Push the desired 1/2" drive socket onto the square drive anvil of the impact wrench until it locks securely.
- **To Remove:** Pull the socket firmly off the anvil. Some sockets may require a slight twist while pulling.

## 5. OPERATING INSTRUCTIONS

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5.1 Powering On/Off

The impact wrench is activated by pressing the variable speed trigger. The tool will turn off when the trigger is released.

5.2 Forward/Reverse Selection

A forward/reverse selector switch is located above the trigger. Push the switch to the left for forward (tightening) rotation and to the right for reverse (loosening) rotation. Ensure the switch is in the center position for trigger lock-off when not in use or when changing accessories.

5.3 Operating the Impact Wrench

- 1. Select the appropriate socket for the fastener.
- 2. Ensure the battery is fully charged and properly installed.
- 3. Set the forward/reverse selector to the desired direction.
- 4. Place the socket firmly onto the fastener.
- 5. Press the variable speed trigger to begin operation. The speed is controlled by the amount of trigger depression.
- 6. Apply steady pressure to the tool to prevent it from jumping off the fastener.
- 7. For tightening, stop when the fastener is snug or reaches the desired torque. For loosening, continue until the fastener is free.

6. MAINTENANCE AND CARE

6.1 Cleaning

- Regularly clean the ventilation openings of the tool to prevent overheating.
- Use a soft, damp cloth to wipe down the tool's exterior. Do not use harsh chemicals or abrasive cleaners.
- Keep the drive anvil clean and free of debris.

6.2 Storage

- Store the tool and batteries in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure the forward/reverse selector is in the center (locked) position before storing.
- Store batteries with a partial charge (around 50%) if storing for extended periods to prolong battery life.
- Utilize the provided carry bag for organized and protected storage.

6.3 Battery Care

- Do not allow batteries to fully discharge before recharging.
- Avoid exposing batteries to water or extreme heat.
- If a battery is damaged or no longer holds a charge, dispose of it properly according to local regulations.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	Battery not charged Battery not properly installed Forward/reverse switch in center (locked) position	Charge battery Reinstall battery securely Move switch to forward or reverse position

Problem	Possible Cause	Solution
Reduced power/performance	Battery low on charge Overheating Worn carbon brushes (if applicable)	Recharge battery Allow tool to cool down Contact authorized service center
Socket not staying on anvil	Incorrect socket size Worn anvil or socket retention pin	Ensure 1/2" drive socket is used Inspect anvil and retention pin; contact service if damaged

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact Snap-On customer support or an authorized service center.

## 8. TECHNICAL SPECIFICATIONS

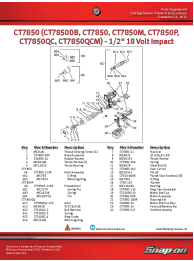

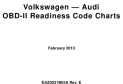

Feature	Specification
Model Number	CT8850
Part Number	CT8850GK2
Voltage	18 Volts
Drive Size	1/2 Inch
Battery Type	MonsterLithium
Battery Capacity	5 Ah
Operation Mode	Electric
Head Style	Fixed Square
Finish Type	Powder Coated
Color	Green, Red
Item Length	8.2 Inches
Material	TOOL
UPC	635133722569

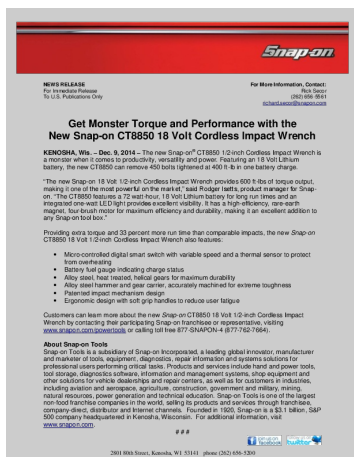
## 9. WARRANTY AND CUSTOMER SUPPORT

Specific warranty information for the Snap-On 18V 1/2" Drive Green MonsterLithium Impact Wrench Kit is typically provided with the product at the time of purchase or can be found on the official Snap-On website. Please retain your proof of purchase for warranty claims.

For customer support, technical assistance, or to locate an authorized service center, please visit the official Snap-On website or contact their customer service department directly. Contact information can usually be found on the manufacturer's website or on the product packaging.

## Related Documents

	<p><a href="#">Snap-on CT7850 1/2" 18 Volt Impact Wrench Parts List</a></p> <p>Comprehensive parts list and exploded view diagram for Snap-on CT7850 series 1/2" 18 Volt Impact Wrenches, including models CT7850DB, CT7850M, CT7850P, CT7850QC, and CT7850QCM. This supplement provides detailed stock numbers and descriptions for all components, essential for maintenance and repair.</p>
	<p><a href="#">Snap-on Industrial Torque Range: Wrenches, Testers, and Calibrators</a></p> <p>Explore the comprehensive range of Snap-on Industrial torque wrenches, electronic torque testers, and calibrators. Discover precision tools for accurate torque measurement and application, featuring advanced technology and robust design for industrial use.</p>
	<p><a href="#">Volkswagen and Audi OBD-II Readiness Code Charts</a></p> <p>A technical manual providing detailed OBD-II readiness code charts and diagnostic procedures for Volkswagen and Audi vehicles. Covers drive cycles, engine-specific readiness tests, and frequently asked questions for automotive technicians.</p>
	<p><a href="#">Snap-on Africa PAIA Manual - Access to Information Guide</a></p> <p>Official PAIA Manual for Snap-on Africa, outlining procedures for accessing company records and information as mandated by the Promotion of Access to Information Act.</p>



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NEWS RELEASE swisniewski Get Monster Torque and Performance with the New Snap on CT8850 18 Volt Cordless Impact Wrench KENOSHA Wis Dec 9 2014 The new on® 1 2 inch is a monster when it comes to productivity versatility and power. Featuring an 18 Volt Lithium battery, the new CT8850 can remove 450 bolts tightened at 400 ft-lb in one battery charge.

"The new Snap-on 18 Volt 1/2-inch Cordless Impact Wrench provides 600 ft-lb of torque output, making it one of the most powerful in the market," said Roger Batta, product manager for Snap-on. "The CT8850 features a 120-degree rotating head for long run times and an integrated one-way LED light provides excellent visibility. It has a high efficiency, one-way magnet, four brush motor for maximum efficiency and durability, making it an excellent addition to any Snap-on tool box."

Providing extra torque and 33 percent more run time than comparable impacts, the new Snap-on CT8850 18 Volt 1/2-inch Cordless Impact Wrench also features:

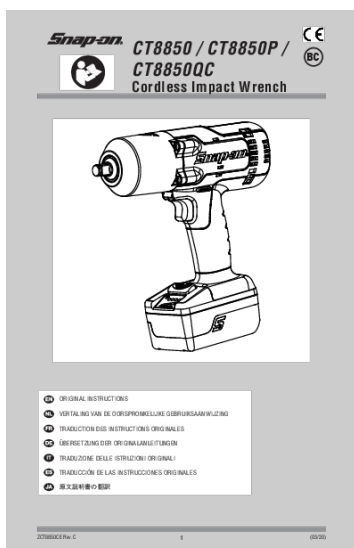
- Micro-processed digital smart switch with variable speed and a thermal sensor to protect from overheating
- Battery full gauge indicating charge status
- Alloy steel, heat treated, helical gears for maximum durability
- Alloy steel hammer and gear carrier, accurately machined for extreme toughness
- Patented impact mechanism design
- Ergonomic design with soft grip handles to reduce user fatigue

Customers can learn more about the new Snap-on CT8850 18 Volt 1/2-inch Cordless Impact Wrench by contacting their participating Snap-on franchise or representative, visiting [www.snapon.com/newsroom](http://www.snapon.com/newsroom) or calling toll free 877-SnapOn or 877-762-7661.

**About Snap-on Tools**  
Snap-on Tools is a subsidiary of Snap-on Incorporated, a leading global innovator, manufacturer and marketer of tools, equipment, diagnostics, repair information and systems solutions for professional users performing critical tasks. Products and services include hand and power tools, tool storage, diagnostics software, information and management systems, shop equipment and other solutions for vehicle, aerospace and repair centers, as well as for customers in industries, including aviation and aerospace, agriculture, construction, government and military, mining, natural resources, power generation and industrial education. Snap-on Tools is one of the largest non-food franchise companies in the world, selling its products and services through franchise, company-owned, distributor and internet channels. Founded in 1920, Snap-on is a \$2.1 billion, S&P 500 company headquartered in Kenosha, Wisconsin. For additional information, visit [www.snapon.com](http://www.snapon.com).

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2801 80th Street, Kenosha, WI 53143 phone (262) 656-1300



[pdf] Instructions

CT8850 CT8850P CT8850QC Snap on CT7850 23 20 motor assembly 1 50R 21 housing set 100R 22 end cap rear 26 forward reverse bar 16 24 ZCT8850CE c public snapon R RRD s |||

**CT8850 / CT8850P / BC CT8850QC** Cordless Impact Wrench ORIGINAL INSTRUCTIONS VERTALING VAN DE OORSPRONKELIJKE GEBRUIKSAANWIJZING TRADUCTION DES INSTRUCTIONS ORIGINALES BERSETZUNG DER ORIGINALANLEITUNGEN TRADUZIONE DELLE ISTRUZIONI ORIGINALI TRADUCCIN DE LAS INSTRUCCIONES ORIGINALES **ZCT8850CE** Rev. ...

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[pdf] User Manual

Marketing Cordless Work Light Adams Plato T Snap on Incorporated CTLED8850 On Follow all safety messages in User s manual Fire explosion or electric shock can cause injury Sparks from motor ignite an atmosphere containing flammable vapor Do not use cordless tools a volatile and serious Read additional precautions pages discard used batteries return them to repair center for recycling NPA public snapon A ProdAnnouncements US

Cordless Work Light CTLED8850 Features and Benefits Super bright light 500 lumens Dual reflecto ... 801 80th Street, Kenosha, WI 53143 [www.snapon.com](http://www.snapon.com) May 2016

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Marketing Compact Cordless Floodlight Adams Plato T Snap on Incorporated CTL8850 On Follow all safety messages in User s manual Fire explosion or electric shock can cause injury Sparks from motor ignite an atmosphere containing flammable vapor Do not use cordless tools a volatile and serious Read additional precautions pages discard used batteries return them to repair center for recycling NPA public snapon A ProdAnnouncements US



# Compact Cordless Floodlight

CTL8950

## Features and Benefits

- 18V Lithium Cordless LED Floodlight
- Super bright 4 LED light – 750 lumens
- Compact design for versatile use
- Light rotates 120 degrees and swivels 180 degrees to direct light to the work area
- Tempered glass lens
- Dual brightness settings 375 & 750 lumens
- 8-hour minimum runtime (on high setting)
- Resists automotive fluids



**4 LED light  
750 lumens**

CE, E, A

**Note: Battery and Charger not included**

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May 2016  
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Explore the comprehensive range of professional-grade tools and diagnostic equipment from Snap-on Industrial. This catalog features a wide selection of high-quality products designed for industrial applications, including torque wrenches, socket sets, pliers, and more.

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