

BENCHMARK™ MC

20V MAX[†] BRUSHLESS 1/2" IMPACT WRENCH



Item # 1239-051



5 Year Limited Warranty
3 Year Limited Warranty on Battery and Charger



JD8805

**READ ALL INSTRUCTIONS BEFORE FIRST USE.
KEEP THIS MANUAL FOR FUTURE REFERENCE.
KEEP AWAY FROM CHILDREN.
SEE NEXT PAGE FOR CRITICAL TOOL RELATED
PRECAUTIONS.**

[†] Maximum initial battery voltage (measured without a load)
is 20 volts. Nominal voltage is 18 volts.



**WEAR CSA APPROVED
EYE PROTECTION**



**WEAR EAR
PROTECTION**



**WEAR A
FACE MASK**

PRODUCT SPECIFICATIONS

20V MAX BRUSHLESS 1/2" IMPACT WRENCH

3 Variable Speeds	0–1400 / 0-1900 / 0-2400 RPM (no load)
Max Impact:	0-1500 / 2000 / 2500 BPM
Torque	Max. tightening torque 480Ft.lbs Breakaway torque 740Ft.lbs
Square drive	1/2" (12.7 mm)
Tool operational weight	5.7 lbs (2.6 kg)

BATTERY AND CHARGER

Battery voltage	20V 4 Ah Li-ion (Maximum charged battery voltage, measured without load, is 20V with a nominal value of 18V)
Charge time	Up to 160 minutes

REPLACEMENT PARTS AVAILABLE AT HOME HARDWARE

Replacement Battery	HH #5350-023 (2.5Ah) HH #5350-011 (4Ah) HH #5350-012 (5Ah)
Replacement charger	HH #5350-010 (2.4A) HH #5350-022 (6A Fast)

CRITICAL TOOL RELATED PRECAUTIONS

Always use impact-rated accessories designed to handle high torque. Non-rated accessories can break, causing tool damage or injury. Inspect for damage before use.

Batteries must be fully charged before first use and must be charged/stored indoors in a cool dry environment. Exposure to temperature extremes will reduce battery performance and lifespan.

READ ALL SAFETY, WARNING, PRECAUTIONS AND MAINTENANCE INFORMATION PROVIDED IN THIS MANUAL.

NEED ASSISTANCE?

- Technical questions
- Replacement parts
- Parts missing from package

Scan here for support



Email us at: customerservice@powertoolsplus.ca
Call us on our toll-free customer support line:
1-866-349-8665 (9-5pm Monday-Friday EST)





TABLE OF CONTENTS

Product specifications 1
Table of contents 2
General safety warnings 3-6
Service 6
Specific safety rules 6-8
Battery & charger safety 8-10
Battery pack recycling 11
Safety symbols 12
Know your 20V max brushless impact wrench 13
Assembly and operation 14-20
Maintenance 21-22
Exploded view 23
Parts list 24-25
Warranty 26

GENERAL SAFETY WARNINGS

⚠️ WARNING: Before using this tool or any of its accessories, read this manual and follow all Safety Rules and Operating Instructions. The important precautions, safeguards and instructions appearing in this manual are not meant to cover all possible situations. It must be understood that common sense and caution are factors which cannot be built into the product.

EYE, EAR & LUNG PROTECTION

SYMBOL	MEANING
<p>⚠️ DANGER</p> 	<p>ALWAYS WEAR EYE PROTECTION THAT CONFORMS WITH CSA Z94.3 or ANSI SAFETY STANDARD Z87.1</p> <p>FLYING DEBRIS can cause permanent eye damage. Prescription eyeglasses ARE NOT a replacement for proper eye protection. The usage of a safety standard compliant face shield placed over proper safety glasses or goggles can reduce the risk of facial injury.</p> <p>Non-compliant eyewear can cause serious injury if broken during the operation of a power tool.</p>
<p>⚠️ WARNING</p> 	<p>Use hearing protection, particularly during extended periods of operation of the tool, or if the operation is noisy.</p>
<p>⚠️ WARNING</p> 	<p>WEAR A DUST MASK THAT IS DESIGNED TO BE USED WHEN OPERATING A POWER TOOL IN A DUSTY ENVIRONMENT.</p> <p>Dust that is created by power sanding, sawing, grinding, drilling, and other construction activities may contain chemicals that are known to cause cancer, birth defects, or other genetic abnormalities. These chemicals include:</p> <ul style="list-style-type: none"> • Lead from lead-based paints • Crystalline silica from bricks, cement, and other masonry products • Arsenic and chromium from chemically treated lumber <p>The level of risk from exposure to these chemicals varies, according to how often this type of work is performed. In order to reduce exposure to these chemicals, work in a well-ventilated area, and use approved safety equipment, such as a dust mask that is specifically designed to filter out microscopic particles.</p>
<p>⚠️ WARNING</p> 	<p>TO AVOID ELECTRICAL HAZARDS, FIRE HAZARDS OR DAMAGE TO THE TOOL, USE PROPER CIRCUIT PROTECTION.</p> <p>This battery charger is wired at the factory for 120 V AC operations. It must be connected to a 120 V AC, 15 A circuit that is protected by a time-delayed fuse or circuit breaker. To avoid shock or fire, replace power cord immediately if it is worn, cut or damaged in any way.</p>

⚠ WARNING

WARNING: Ventilation openings in batteries and chargers must always be open to allow cooling air to circulate freely. Air vents that are blocked, restricted or covered may result in the battery or charger overheating. Overheating may lead to damage to the tool or cause a fire, resulting in possible serious injury.

POWER TOOL SAFETY

⚠ WARNING: Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

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.

Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

ELECTRICAL SAFETY

Power tool plugs must match the outlet. Never modify the plug in any way.

Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

Do not abuse the charger cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of a ground fault circuit interrupter (GFCI) reduces the risk of electric shock.

PERSONAL SAFETY

Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.

Remove any adjusting key or wrench before turning the power tool on.

A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

POWER TOOL USE AND CARE

Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

Only use safety equipment that has been approved by an appropriate standards agency. Unapproved safety equipment may not provide adequate protection. Eye protection must be ANSI-approved and breathing protection must be NIOSH-approved for the specific hazards in the work area.

Do not lay the tool down until it has come to a complete stop. Moving parts can grab the surface and pull the tool out of your control.

When using a handheld power tool, maintain a firm grip on the tool with both hands to resist starting torque.

Do not leave the tool unattended when the battery pack is connected. Turn off the tool, and remove the battery pack before leaving.

This product is not a toy. Keep it out of reach of children.

People with pacemakers should consult their physician(s) before use.

Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure.

The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

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.

Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

Hold power tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.


Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

SERVICE

Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer or authorized service providers.

SPECIFIC SAFETY RULES

 **WARNING: Know your cordless impact wrench. Do not plug in the charger or install the battery in the tool until you have read and understand this Instruction Manual. Learn the tool's applications and limitations, as well as the specific potential hazards related to this tool.** Following this rule will reduce the risk of electric shock, fire, or serious injury.



Always wear eye protection. Any power tool can throw foreign objects into your eyes and cause permanent eye damage. ALWAYS wear safety goggles (not glasses) that comply with ANSI safety standard Z87.1. Everyday glasses have only impact resistant lenses. They ARE NOT safety glasses.

⚠️ WARNING: Glasses or goggles not in compliance with ANSI Z87.1 could cause serious injury when they break.

⚠️ WARNING: Always use a safety shield, hearing protection and dust mask when driving into concrete.

⚠️ WARNING: To avoid fire or toxic reaction, never use gasoline, naphtha, acetone, lacquer thinner or similar highly volatile solvents to clean the tool.

⚠️ WARNING: Use only accessories that are recommended for this cordless impact wrench. Follow the instructions that accompany the accessories. The use of improper accessories may result in injury to the operator or damage to the tool.

⚠️ WARNING: If any part is missing or damaged, do not install the battery in the tool or install any accessory until the missing or damaged part is replaced.

⚠️ WARNING: Impact wrenches are not torque wrenches. DO NOT use this tool for tightening fasteners to specified torques. An independent, calibrated torque measurement device such as a torque wrench should be used when under tightened or over tightened fasteners can lead to the failure of the joint.

Use impact sockets and accessories that are designed for use with an impact wrench. Do not use chrome plated sockets and accessories. Chrome plated sockets and accessories are designed for hand use only and MUST NOT be used with an impact wrench. They may shatter and possibly cause serious injury.

Before each use, check the impact sockets and accessories for excessive wear or cracks. Worn or damaged sockets or accessories may shatter and possibly cause serious injury. Worn accessories may allow the socket to come off during operation of the impact wrench.

After fastening any accessory onto the 1/2" square drive, pull on the accessory to ensure it is properly seated and securely locked in place with the hog ring preventing it from being pulled off during operation.

Never use the impact wrench as a torque wrench. Always use a torque wrench to adjust the fastener to the specified torque.

Keep the impact wrench handle and body clean and free of oil and grease. Always use a clean dry cloth when cleaning. Do not use solvents, brake fluid, gasoline or other petroleum products to clean the tool. They will damage the tool.

Do not wear neckties or loose clothing.

When wearing gloves, they must be tight fitting and slip resistant type. Leather gloves offer the best protection.

Always use two hands when operating the impact wrench. Use one hand on the handle and the other on the front of the tool body.

Never place your hand so it is touching the accessory when the tool is turned ON. Your hand could be seriously injured.

Always remove the battery from the tool before installing or removing any accessory.

Be ready for components to shift when removing any fastener. The speed of the fastener removal could cause unexpected shifting of the components.

Accessories and tools get hot during operation. Wear gloves when touching them.


VIBRATION SAFETY

This tool vibrates during use. Repeated or long-term exposure to vibration may cause temporary or permanent physical injury, particularly to the hands, arms and shoulders. To reduce the risk of vibration-related injury:

1. **Limit Usage Time:** Avoid prolonged use—take regular breaks (e.g., 10 min work, 50 min rest).
2. **Use Both Hands:** Always operate the tool with both hands using the side handle.
3. **Wear Anti-Vibration Gloves:** Helps reduce vibration transmission to hands and arms.
4. **Maintain a Firm, Relaxed Grip:** Let the tool do the work—avoid excessive force.
5. **Keep Tool and accessories in Good Condition:** Replace worn or damaged parts promptly.
6. **Use the Right Tool for the Job:** Avoid using the impact wrench on inappropriate materials.
6. **Maintain Proper Posture:** Stand balanced and avoid awkward positions.
7. **Watch for Warning Signs:** Stop use if you experience tingling, numbness, or finger blanching.

BATTERY PACK & CHARGER SAFETY

BATTERY SAFETY INSTRUCTIONS

 **WARNING:** Only use the charger supplied with this kit to charge the 20V Li-ion batteries for this tool. Charging any other batteries may damage the charger and possibly cause serious injury.

1. 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. Incorrect use may result in electric shock, overheating or leakage of corrosive liquid from the battery.
2. Use the tool only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
3. Be aware of possible hazards when not using your battery tool or when changing accessories. To reduce risk, remove battery pack from the machine while not in operation. This will reduce the risk of electric shock, fire or serious personal injury.
4. Do not place appliances or their batteries near fire or heat. Continuous intense sunlight, fire or other heat sources may cause an increased danger of explosion.
5. Do not crush, drop or damage the battery pack. Do not use a battery pack or charger that has been dropped or received a sharp blow. A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.

6. Batteries can explode in the presence of a source of ignition, such as a pilot light. To reduce the risk of serious personal injury, never use any cordless product in the presence of an open flame. An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.
7. Do not charge battery in a damp or wet location. Following this rule will reduce the risk of electric shock.
8. Longer life and better performance can be obtained if the battery pack is charged when the air temperature is between 24°C (75°F) and 18°C (64°F). Do not charge the battery pack in air temperature below 5°C (41°F) or above 40.5°C (105°F). This is important as it can prevent serious damage to the battery pack.
9. Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water. If liquid gets into your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention.
10. When battery pack is not in use, keep it away from other metal objects like: paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause sparks, burns, or a fire.
11. Do not disassemble the battery and avoid mechanical damage to the battery. Risk of short circuit and fumes may be emitted. Ensure fresh air and seek medical assistance in the event of discomfort.
12. Always remove battery pack from your tool when you are assembling parts, making adjustments, cleaning, or when not in use. Removing the battery pack will prevent accidental starting that could cause serious personal injury.
13. Always remove battery pack before storing the device. When battery becomes fully charged, unplug the charger from the power supply and remove the battery pack from the charger.
14. Keep battery pack dry, clean, and free from oil and grease. Always use a dry cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products, or any solvents to clean battery pack.
15. Keep the battery pack out of the reach of children.

CHARGER SAFETY INSTRUCTIONS

1. The plug of the charger must match the outlet. Never modify the plug in any way. Unmodified plugs and matching outlets will reduce the risk of electric shock.
2. Ensure the battery pack is charged indoors only, in a dry, cool and well ventilated environment.
3. Do not subject the battery to sunlight over long periods and do not leave it near a heat source. Heat damages the battery and there is a risk of explosion.
4. Allow a hot battery to cool before charging.
5. Do not use non-rechargeable batteries!
6. Do not attempt to charge battery packs other than those supplied. The charger and battery pack supplied with it are specifically designed to work together.

7. Before each use, check the charger, cable, and plug. Do not use a defective charger and do not disassemble the charger. Incorrect reassembly may result in the risk of fire, electric shock, or electrocution.
8. Protect the charger against moisture and wet conditions. There is a danger of electric shock.
9. Operate the charger only with the original batteries. Charging other batteries may result in injuries and risk of fire.
10. Avoid mechanical damage to the charger. This can result in internal short circuits.
11. Do not operate the charger on easily inflammable surfaces (e.g. paper, textiles, etc.). The heating of the battery charger during the charging process could pose a fire hazard.
12. Do not abuse the cord of the charger. Never use the cord for carrying, pulling or unplugging the charger.
13. Keep the cord away from heat, oil, sharp edges or moving parts.
14. Damaged or entangled cords increase the risk of electric shock.
15. Do not operate the charger with a damaged cord or plug, which could cause a short circuit and electric shock. If damaged, immediately discontinue use. Replace the charger with the identical unit as listed in the Product Specifications in this manual. If the power cord for this equipment is damaged, it must be replaced by the manufacturer, a customer service agent of the same or qualified person to prevent hazards.
16. Do not use a charger that has been dropped or received a sharp blow.
17. The voltage indicated on the charger rating plate must correspond to the voltage of the power source.
18. Never touch the charger or charger plug with wet hands.
19. The tool battery is not fully charged at the time of delivery. It therefore needs to be fully recharged before you use it for the first time. For the first recharge cycle, charge the battery pack fully.
20. It is good practice to unplug the charger and remove the lithium-ion battery pack when not in use.
21. This charger is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the charger by a person responsible for their safety.
22. Children should be supervised to ensure that they do not play with the charger.
23. Never charge batteries near flammable materials, gases, or liquids. Charging near such items can pose a serious risk of fire or explosion. Always charge batteries in a well-ventilated, dry area, away from heat sources, chemicals, or any potential fire hazards.

RECYCLING AND DISPOSAL

⚠️ WARNING: Do not dispose of batteries/rechargeable batteries into household waste!

BATTERY PACK RECYCLING


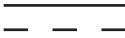














To preserve our natural resources, please recycle or dispose of batteries properly.

The batteries charged by this charger may contain chemicals and metals that are harmful to the environment. Never dispose of rechargeable batteries in your normal household garbage or in landfill sites as they will add to the pollution of the environment.

SAFETY SYMBOLS

⚠ WARNING: Some of the following symbols may appear on the impact wrench. Study these symbols and learn their meaning. Proper interpretation of these symbols will allow for more efficient and safer operation of this tool.

V	VOLTS		Three-phase alternating current with neutral
A	Amperes		Direct current
Hz	Hertz	n₀	No load speed
W	Watts		Alternating or direct current
kW	Kilowatts		Class II construction
µF	Microfarads		Splash-proof construction
L	Liters		Watertight construction
kg	Kilograms		Protective grounding at grounding terminal, Class I tools
H	Hours	RPM	Revolutions or reciprocations per minute
N/cm²	Newtons per square centimeter	∅	Diameter
Pa	Pascals	0	Off position
OPM	Oscillations per minute		Arrow
MIN	Minutes		Warning symbol
S	Seconds		Wear your safety glasses
 or ac.	Alternating current		Wear a dust mask
	Three-phase alternating current		Wear hearing protection



JD8805

This symbol designates that this tool is listed with Canadian and U.S. requirements by ETL Testing Laboratories, Inc. Conforms to UL Std. 62841-1 and 62841-2-2. Certified to CAN/CSA Std. C22.2 No. 62841-1 and 62841-2-2.

KNOW YOUR 20V MAX BRUSHLESS IMPACT WRENCH









ASSEMBLY AND OPERATION

CHECKING THE BATTERY CHARGE STATUS

The level of charge remaining in the battery can be checked by using the battery LED power indicator that is contained on the end of the battery.

NOTE: The battery charge remaining may be checked while the battery is installed in the tool with the ON/OFF switch turned OFF. It may also be checked while the battery is removed from the tool. **DO NOT** check the battery charge remaining while the battery is in the charger. You will get a false reading and you may also damage the battery status system.

1. Press and hold the battery status button located on the end of the battery.
2. One or more of the Four LED lights in the LED window will come ON to indicate the amount of charge that is remaining in the battery as follows:

Charge Level Indicator						
Amount of Charge Remaining	0 - 10%	10 - 25%	25 - 50%	50 - 75%	75 - 100%	

3. Release the battery status button to turn the LEDs OFF.

CHECKING THE BATTERY PACK

1. Place the battery charger (1) in a dry location near a 110–120V 60 Hz electrical outlet (Fig. 1).
2. Plug the battery charger into the outlet and make sure the green LED indicator light (4) comes ON. If it does not, refer to the chart (Fig. 2) to identify the problem.
3. Turn the battery (2) upside down and slide it onto the charger (Fig.1).

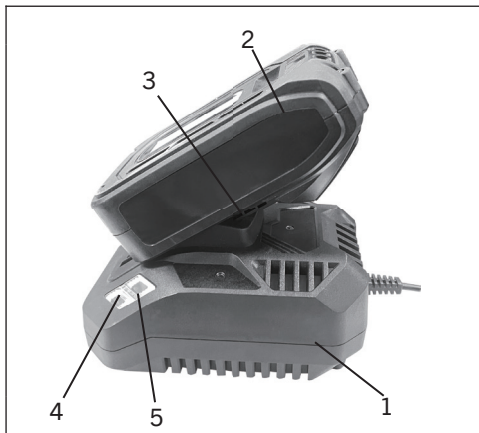


FIG. 1

NOTE: Make sure the grooves (3) in the sides of the battery slide over the matching tabs on the charger (Fig.1) until the battery latch "clicks" into place.

- a) When the charger is plugged into the wall receptacle and NO battery is on the charger, the green indicator light (4) (Fig.1) will turn ON indicating the charger is "live".
- b) When a discharged battery is installed on the charger, the green indicator light will turn OFF and the red indicator light (5) (Fig.1) will FLASH. The flashing red indicator light indicates the battery is being charged.
- c) If the red indicator light does not come ON, check to make sure battery pack is slid fully onto the charger and the electrical outlet is working properly.
- d) See Fig. 2 below for other indicator light functions.
- e) A discharged battery pack should be fully charged in up to 160 minutes.
- f) It is normal for the battery charger to hum and be warm to the touch during operation.
- g) If the battery pack does not charge properly, check to make sure the electrical outlet is "live".
- h) Do NOT charge batteries when the work area or the battery temperature is at or below 5°C (41° F) or above 40°C (105° F).





GREEN LIGHT	RED LIGHT	BATTERY INSERTED INTO CHARGER	SYMBOL	CHARGING STATUS
ON	OFF	NO	NONE	CHARGER CONNECTED TO POWER SUPPLY
OFF	FLASHING	YES		BATTERY BEING CHARGED
ON	OFF	YES		BATTERY FULLY CHARGED
OFF	ON	YES		DEFECTIVE-BATTERY IS CHARGED BUT NOT OPERATIONAL ON TOOL
ON	ON	YES		CHARGING CONDITIONS ARE EITHER TOO HOT OR TOO COLD

FIG. 2

INSTALLING A BATTERY IN THE IMPACT WRENCH

1. Remove the discharged battery (1) from the impact wrench by pressing downward on the battery release button (2) and sliding the battery backward until it is removed from the wrench handle (3) (Fig. 3).
2. Slide the fully charged battery onto the matching keys (4) in the wrench handle where the discharged battery has been removed.

NOTE: Make sure the slots in the battery are fully engaged with the mounting keys in the drill handle. The battery release button will "click" into place when the battery is fully installed.

⚠️ WARNING: Do not immerse the battery pack in water. Sudden cooling could cause a hot battery to explode or leak.

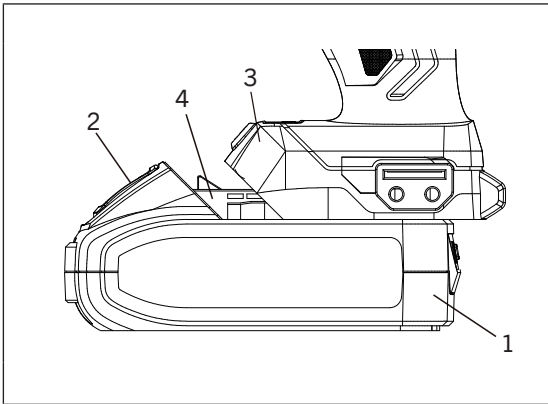


FIG. 3

INSTALLING IMPACT SOCKETS

⚠️ WARNING: Use only impact sockets and accessories that are designed for use with an impact wrench. Do not use chrome plated sockets and accessories. Chrome plated sockets and accessories are designed for hand use only and **MUST NOT** be used with an impact wrench. They may shatter and possibly cause serious injury.

⚠️ WARNING: Always remove the battery from the tool before changing any accessories. You may injure your hand if the tool is started accidentally.

To install a socket, press the square portion of the socket (1) onto the square drive (2) of the impact wrench (Fig. 4).

The hog ring (3) compresses to allow the accessory to slide on. After accessory is installed, the hog ring applies pressure to help provide accessory retention.

To remove an accessory, grasp the accessory and firmly pull it off.

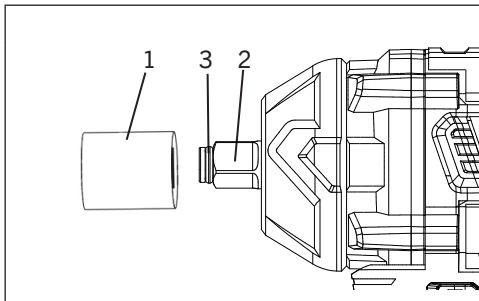


FIG. 4

FORWARD/REVERSE BUTTON

This impact wrench is equipped with a forward/reverse button (1) (Fig. 5).

1. To operate the impact wrench in the reverse direction, press the forward/reverse button to the RIGHT. This direction of rotation will loosen the fastener.
2. To operate the impact wrench in the forward direction, press the forward/reverse button to the LEFT. This direction of rotation will tighten the fastener.

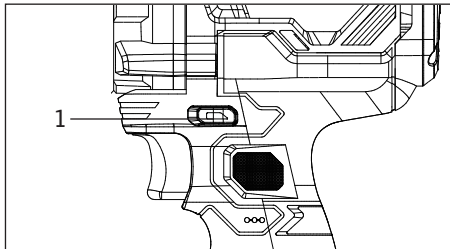


FIG. 5

NOTE: Never press the forward/reverse button while the impact wrench is running. Damage to the tool will result.

VARIABLE-SPEED TRIGGER SWITCH

This impact wrench is equipped with a variable speed ON/OFF trigger switch.

1. To start the impact wrench, gently squeeze the trigger switch (2) (Fig. 6).

NOTE: The impact wrench will turn at its slowest speed when the trigger switch is depressed slightly. The impact wrench will turn at its fastest speed when the trigger switch is fully depressed.

2. To stop the impact wrench, release the trigger switch.

NOTE: Never allow your hand to cover the air vents of the impact wrench. Running the tool at slow speeds will cause it to heat up. If the tool gets warm while running at slow speeds, stop and allow it to cool.

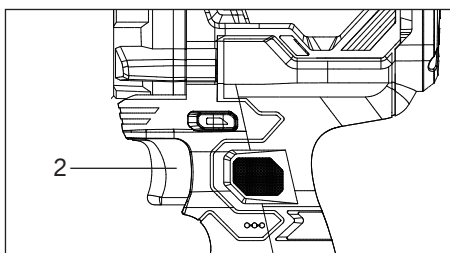


FIG. 6

SPEED AND AUTO-STOP CONTROL

(Located on tool foot)

Push the selection button when the tool is in forward for low or high speeds. Push to select the auto-stop feature when the tool is in reverse.

NOTE: The wrench has a mode setting memory function. It will run according to the previous mode setting every time it restarts.

⚠️ WARNING: Check the auto-stop and speed indicator lights before using the tool to minimize the risk of injury or damage to the workpiece.

SPEED MODE	SPEED RPM	IMPACT RATE IPM	MAX TIGHTENING TORQUE INCH/LBS.	APPLICATION	EXAMPLES
Low Speed	0-1400	0-1500	150	Designed for precision tasks, light-duty applications , or when control is more important than raw power	*Removing or tightening small bolts/screws on plastic parts, interior panels, or sensors. *Assembling metal racks, bed frames, or wall-mounted shelves.
Medium Speed	0-1900	0-2000	400	Ideal for medium-duty tasks where you need a balance of torque and control —more force than the first speed, but still manageable to prevent damage.	*Removing lug nuts on compact cars, suspension components, or underbody fasteners. *Driving larger screws or lag bolts into wood (e.g., for wall framing, deck joists, or supports).
High Speed	0-2400	0-2500	480	This mode is best suited for heavy-duty applications where high torque and rapid impact are essential — and precision is less of a concern.	*Removing lug nuts from trucks, large SUVs, or trailers; axle bolts; crankshaft bolts. *Driving long structural bolts, anchor bolts, or large lag screws into steel beams or concrete forms. *Breaking free rusted nuts/bolts.
Reverse Auto Stop	N/A	N/A	N/A	Reverse Auto Stop is a smart feature that automatically stops or slows down the tool after loosening a fastener , usually once the nut or bolt has broken free.	*Prevents fasteners from flying off (especially useful when working at height or in tight spaces). *Avoids damaging threads from excessive spinning. *Increases control and safety during disassembly.

⚠️ WARNING: For safety reasons, the operator must read the sections of this Owner’s Manual entitled “GENERAL SAFETY WARNINGS”, “POWER TOOL SAFETY”, “SPECIFIC SAFETY RULES”, “BATTERY AND CHARGER SAFETY” and “SYMBOLS” before using this impact wrench.

Verify the following every time the impact wrench is used:

1. Safety glasses and hearing protection are being worn.
2. Socket or accessory is “impact wrench” rated.
3. Socket or accessory is in good condition.

Failure to observe these safety rules will significantly increase the risk of injury.

LED WORK LIGHT

The LED work light (3) will automatically turn ON when the trigger switch is squeezed (Fig. 7). It will automatically turn OFF when the trigger switch is released.

NOTE: The LED light has a 5-second time delay.

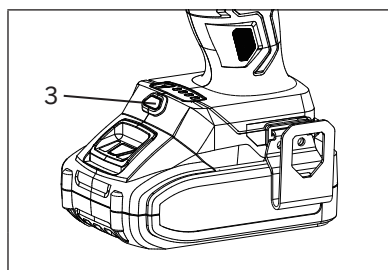


FIG. 7

REMOVING FASTENERS

One of the most common uses for the impact wrench is to remove car wheel nuts for rotating the tires. Car wheel nut removal is used for illustrative purposes.

When working above ground or working on car tires, to prevent the loosened fasteners from falling to the ground or into a tight space, it is recommended to use the reverse Auto Stop mode to do this job.

⚠ DANGER: BEFORE ATTEMPTING TO REMOVE A CAR WHEEL, MAKE SURE ALL JACKING, WHEEL BLOCKING AND WHEEL REMOVAL SAFETY PROCEDURES ILLUSTRATED IN THE OWNER'S MANUAL FOR YOUR CAR ARE FOLLOWED EXACTLY. FAILURE TO FOLLOW THOSE SAFETY INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR DEATH.

1. Install the correct size of impact socket on the impact wrench.
2. Set the forward/reverse button to the RIGHT for removing fasteners.
3. Insert the battery in the tool.
4. Grasp the impact wrench handle (1) with one hand and the front housing of the impact wrench (2) with the other hand (Fig. 8).
5. Place impact socket (3) onto the wheel nut.

NOTE: Make sure the socket is fully engaged with the nut to avoid potentially damaging the socket or the wheel nut.

6. While holding the tool level with the ground and with a firm grasp, squeeze the trigger switch (4).

IMPORTANT: When removing fasteners, do not allow the impact wrench to operate more than 15 seconds unless the fastener begins to turn. If the fastener fails to turn within 15 seconds, reverse the direction of rotation and operate the impact wrench in a forward direction on the fastener for a few seconds. Now switch back to reverse direction and remove the fastener. This procedure will usually break loose seized or “frozen” fasteners.

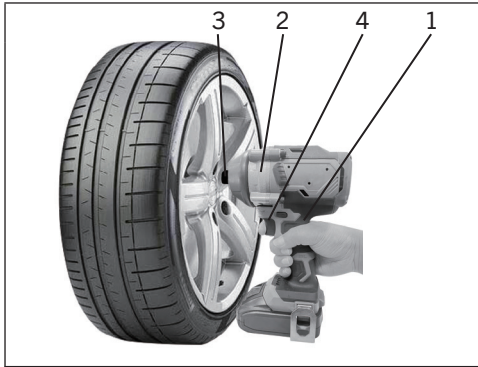


FIG. 8

MAINTENANCE

GENERAL

⚠️ WARNING: When servicing, use only identical replacement parts. The use of any other part may create a hazard or cause product damage.

DO NOT use solvents when cleaning plastic parts. Plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use a clean cloth to remove dirt, dust, oil, grease etc.

⚠️ WARNING: DO NOT allow brake fluids, gasoline, petroleum-based products, penetrating oils, etc. to come into contact with plastic parts. They contain chemicals that can damage, weaken, or destroy plastic.

DO NOT abuse power tools. Abusive practices can damage the tool and the workpiece.

⚠️ WARNING: DO NOT attempt to modify tools or create accessories. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious injury. It will also void the warranty.

LUBRICATION

All of the bearings in this tool are lubricated with a sufficient amount of high-grade lubricant for the life of the unit under normal conditions. Therefore, no further lubrication is required.

LITHIUM-ION BATTERY PERFORMANCE

Lithium-ion rechargeable batteries generally provide superior performance to nickel-cadmium batteries when used in power tools.

- Faster charges
- Longer battery life
- More power
- Lighter weight

Lithium-ion batteries perform best and deliver peak output power at room temperature (20° C or 68° F). When operated in lower temperatures, the battery output will be reduced and it will NOT function below -20° C (-4° F). The output power will increase as the heat generated by the battery during use increases the internal temperature of the battery. The result is increased power as the tool is used.

LITHIUM-ION BATTERY MAINTENANCE

Lithium-ion batteries share many characteristics with nickel-cadmium batteries.

The major characteristic that is NOT shared with nickel-cadmium batteries is that Lithium-ion batteries do not have a “memory” and do not require to be completely discharged periodically. It is recommended that you charge your Lithium-ion batteries after each use so they will be fully charged when needed.


NOTE: A fully charged battery will lose about 2% of its charge per month during storage.

BATTERY PACK REMOVAL AND PREPARATION FOR RECYCLING

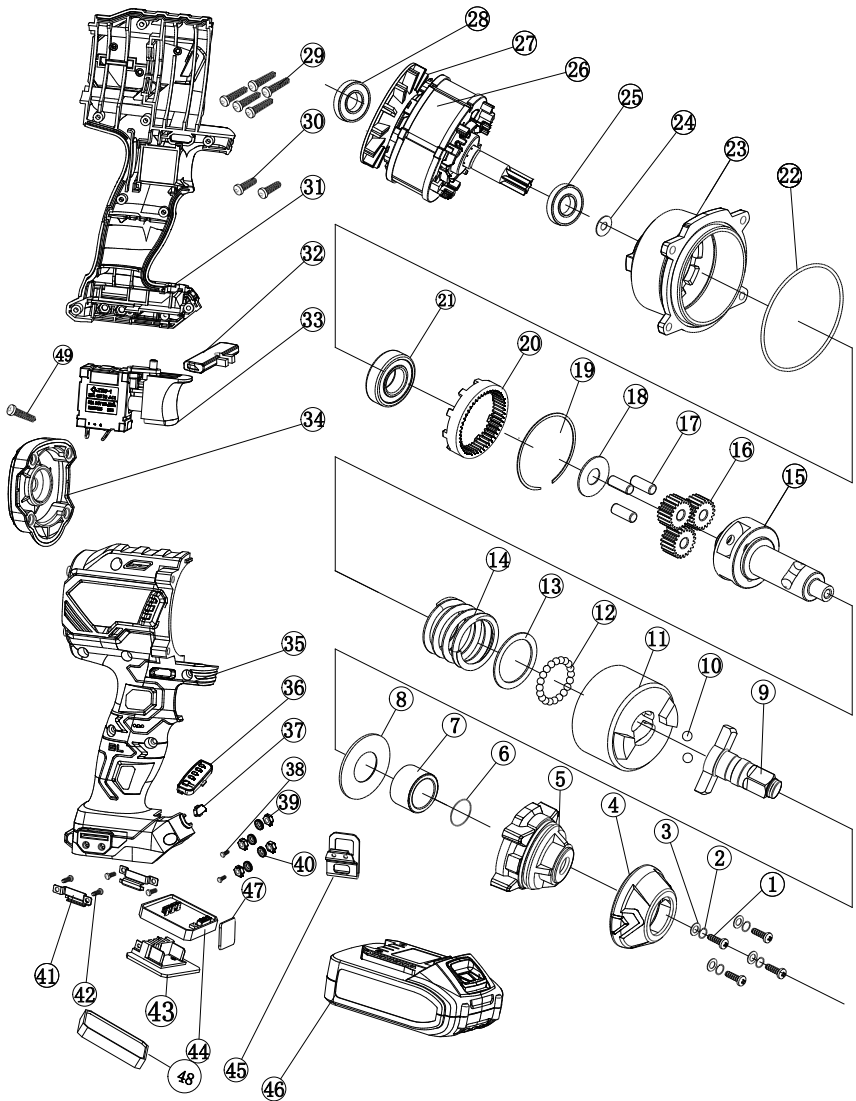
To preserve our natural resources, please recycle or dispose of batteries properly.

The batteries supplied with this tool may contain chemicals and metals that are harmful to the environment. Never dispose of rechargeable batteries in your normal household garbage or land fill sites because they will add to the pollution of the environment.

Consult your local waste authority for information regarding available recycling and disposal options.

 WARNING: If the battery pack has been removed from the tool, cover the terminals of the battery pack with electrical tape or heavy-duty adhesive tape. Never touch both terminals with metal objects or body parts, because a short circuit may result. Keep away from children. Do not attempt to destroy or disassemble battery pack or remove any of its components. Rechargeable batteries must be recycled or disposed of properly. Failure to comply with these warnings could result in fire and serious injury.

EXPLODED VIEW



PARTS LIST

⚠ WARNING: When servicing, use only original equipment replacement parts. The use of any other parts may create a safety hazard or cause damage to the tool.

Any attempt to repair or replace electrical parts on this tool may create a safety hazard unless repairs are performed by a qualified technician. For more information, call the Toll-free Helpline, at 1-866-349-8665; Monday - Friday: 9am to 5pm EST.

Always order by part number.

Key #	Part #	Part Name	Quantity
1	4020080081	Screw M5 x 32	4
2	4040040001	5 mm spring washer	4
3	4040010011	5 mm flat washer	4
4	3140080066	Head shell rubber sleeve	1
5	2020050113	Aluminum head shell	1
6	3140020017	O type sealing ring	1
7	2040310086	Shaft sleeve	1
8	2030020034	Washer	1
9	2040050214	Outer shaft	1
10	4080070001	5.5 ball	2
11	2040200025	Torsion groove	1
12	4080030001	3.5 ball	33
13	2030020434	Washer	1
14	2050060306	Torsion spring	2
15	2040050215	Inner shaft	1
16	2040070023	Planetary gear	3
17	4110050014	Roller pin	3
18	2030020433	Washer	1
19	4100010015	Steel circlip	1
20	2010090095	Steel circlip	1
21	4010010178	Bearing (6805)	1
22	3140020193	Oil proof sealing ring	1
23	2020130050	Gear box	1
24	3190010061	Wollen washer	1
25	4010010105	Ball bearing 609 2RS	1
26	1030300031	Motor assn.	1
27	3150010148	Wind blade	1
28	4010010105	Ball bearing 609 2RS	1
29	4030010102	Screw ST3.9 x 16	10

Key #	Part #	Part Name	Quantity
30	4030010096	Screw ST3.9 x 12	2
31	3010020052	Right enclosure	1
32	3120030153	Lever	1
33	1062010044	Switch	1
34	3160010088	Back cover	1
35	3010020052	Left enclosure	1
36	3110010277	Speed selection button	1
37	3160060119	Transparent lampshade	1
38	4020010147	Screw M4 x 12 with washer	2
39	4060010044	M4 hex nut	4
40	4040080005	External teeth serrated lock washer	4
41	2030100101	Flat spring	2
42	4030010020	Screw ST2.9 x 6	4
43	3150170027	Electrode plate	1
44	1130030126	Control PCB	1
45	2030010074	Belt hook	1
46	1290090046	Battery	1
47	3190020097	Sponge mat	1
48	2020090006	Control board cover	1
49	4030010106	Screw ST3.9 x 19	4

WARRANTY

BENCHMARK WARRANTY FOR 20V MAX IMPACT WRENCH

If this Benchmark tool fails due to a defect in material or workmanship within five years from the date of purchase, return it to any Home Hardware store with the original bill of sale for exchange. Three year warranty for the battery and charger. This warranty does not include expendable parts including but not limited to blades, brushes, belts, light bulbs.

This warranty covers defects in material or workmanship only. It does not cover normal wear and tear, failure due to abuse/misuse, or defects caused by careless or accidental mishandling. If this Benchmark product is used for commercial or rental purposes, this warranty does not apply.

20V MAX[†] BRUSHLESS 1/2" IMPACT WRENCH



5 Year Limited Warranty
3 Year Limited Warranty on Battery and Charger

BENCHMARKTM_{MC}

BENCHMARK TOOLS CANADA
ST. JACOBS, ONTARIO N0B 2N0
© 2025 Home Hardware Stores Limited

CUSTOMER SERVICE/TECH SUPPORT
1-866-349-8665

1239-051

Made in China



* This BenchmarkTM product carries a five (5) year LIMITED warranty against defects in workmanship and materials. The charger and batteries carry a three (3) year LIMITED warranty. See Owner's Manual for full details.



JD8805

**READ ALL INSTRUCTIONS BEFORE FIRST USE.
KEEP THIS MANUAL FOR FUTURE REFERENCE.
KEEP AWAY FROM CHILDREN.**

[†] Maximum initial battery voltage (measured without a load)
is 20 volts. Normal voltage is 18 volts.



**WEAR CSA APPROVED
EYE PROTECTION**



**WEAR EAR
PROTECTION**



**WEAR A
FACE MASK**