

Please read and save these instructions. Read through this owner's manual carefully before using product. Protect yourself and others by observing all safety information, warnings, and cautions. Failure to comply with instructions could result in personal injury and/or damage to product or property. Please retain instructions for future reference.



HEAVY DUTY 1/2" DRIVE CORDLESS 20V LITHIUM-ION IMPACT WRENCH

UNPACKING

After unpacking unit, inspect carefully for any damage that may have occurred during transit. Check for loose, missing, or damaged parts. If any damage is observed, a shipping damage claim must be filed with carrier. Do not use the OEMTOOLS Impact Wrench if broken, bent, cracked or damaged parts (including labels) are noted. Any Impact Wrench that appears damaged in any way, operates abnormally or is missing parts should be removed from service immediately. If you suspect that the Impact Wrench was subjected to shock load (a load that was dropped suddenly, unexpectedly, etc.) immediately discontinue use until it has been checked by a factory authorized service center.



⚠ WARNING

The following safety information is provided as a guideline to help you operate your Impact Wrench under the safest possible conditions. Any tool or piece of equipment can be potentially dangerous to use when safety or safe handling instructions are not known or not followed. The following safety instructions are to provide the user with the information necessary for safe use and operation. Please read and retain these instructions for the continued safe use of your service system. Failure to follow instructions listed below may result in serious injury. In addition, make certain that anyone that uses the equipment understands and follows these safety instructions as well.

Explanation of Safety Signal Words

⚠ WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION: Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

NOTES: Provide clarity and helpful information.

Thank you very much for choosing an OEMTOOLS Product!

For future reference, please complete the owner's record below:

Model: _____ **Purchase Date:** _____

Save the receipt, warranty and these instructions. It is important that you read the entire manual to become familiar with this product before you begin using it. This product is designed for certain applications only. OEMTOOLS cannot be responsible for issues arising from modification. We strongly recommend this product is not modified and/or used for any application other than that for which it was designed. If you have any questions relative to a particular application, DO NOT use the product until you have first contacted OEMTOOLS to determine if it can or should be performed on the product.



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IMPORTANT INSTRUCTIONS AND SAFETY RULES

1. Know your tool. Read this manual carefully. Learn the tool's applications and limitations, as well as, potential hazards specific to it.
2. Keep work area clean and well lit. Cluttered or dark work areas invite accidents.
3. Keep children away. All children should be kept away from the work area. Never let a child handle a tool without strict adult supervision.
4. Do not operate this tool if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not attempt to operate.
5. Use safety equipment. Eye protection should be worn at all times when operating this tool. Use ANSI approved safety glasses. Everyday eyeglasses are NOT safety glasses. Dust mask, non-skid safety shoes, hard hat or hearing protection should be used in appropriate conditions.
6. Wear proper apparel. Loose clothing, gloves, neck-ties, rings, bracelets or other jewelry may present a potential hazard when operating this tool. Keep all apparel clear of the tool.
7. Don't overreach. Keep proper footing and balance at all times when operating this tool.
8. Check for damage. Check your tool regularly. If part of the tool is damaged it should be carefully inspected to make sure that it can perform its intended function correctly. If in doubt, the part should be repaired. Refer all servicing to a qualified technician. Consult your dealer for advice.
9. Keep away from flammables. Do not attempt to operate this tool near flammable materials or combustibles. Failure to comply may cause serious injury or death.
10. Store idle tools out of the reach of children and untrained persons. Tools may be dangerous in the hands of untrained users.
11. Maintain tools with care.
12. Keep tools dry and clean.
13. Do not use a damaged tool. Tag damaged tools "Do not use" until repaired.
14. Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may become hazardous when used on another tool.
15. Tool service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel could result in a risk of injury.
16. When servicing a tool, use only identical replacement parts. Use of unauthorized parts or failure to follow maintenance instructions may create a risk of injury.
17. Maintain a safe working environment. Keep the work area well lit. Make sure there is adequate surrounding workspace. Keep the work area free of obstructions, grease, oil, trash, and other debris. Do not use this product in a damp or wet location.
18. Maintain labels and nameplates on this product. These carry important information. If unreadable or missing, contact OEMTOOLS for a replacement.
19. Before use, read and understand all warnings, safety precautions, and instructions as outlined in the vehicle manufacturer's service manual. It is beyond the scope of this manual to properly describe the correct procedure and test data for each vehicle.

20. Always perform vehicle service in a properly ventilated area. Never run an engine without proper ventilation for its exhaust. Stop work and take necessary steps to improve ventilation in the work area if you develop momentary eye, nose, or throat irritation as this indicates inadequate ventilation.

WARNING

NOTE: The manufacturer declines any and all responsibility for damage to vehicles or components if said damage is the result of unskillful handling by the operator or of failure to observe the basic safety rules set forth in the instruction manual.

WARNING

Read Rules for Safe Operation and Instructions Carefully.

IMPORTANT SAFETY INSTRUCTIONS

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

WARNING

1. Use only attachments recommended or sold by manufacturer. Use of non-recommended attachments may result in fire, electric shock or injury.
2. Do not disassemble the Impact Wrench. Take it to a qualified professional when service or repair is required. Incorrect reassembly may result in electric shock or fire.
3. Only use impact sockets which are specifically designed for use with an Impact Wrench.
4. Wear approved safety eye/face shield, ear defenders and hand protection.

DISPOSAL

At the end of the useful life of the OEMTOOLS Impact Wrench, dispose of the components according to all state, federal, and local regulations.

BATTERY DISPOSAL

Exposure to high temperatures can cause the batteries to explode; do not dispose of in a fire. Some countries have regulations concerning battery disposal. Follow all applicable regulations. Return used batteries to a collection location for recycling.

PURPOSE

The Heavy Duty 1/2" Drive Cordless 20V Li-Ion Impact Wrench is used for tightening or loosening nuts and bolts, automotive repair, body shop maintenance and other applications.

PRODUCT SPECIFICATIONS

Anvil:	1/2"
Speed:	0-2,200 RPM; 0-2,900 IPM
Nut busting torque:	300 Ft/Lbs.
Tightening torque:	260 Ft/Lbs.
Battery:	4.0 Ah
Weight:	8 Lbs.
Charge time:	2 Hours





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INSTRUCTIONS

Always wear safety goggles and gloves.

1. If removing wheels from a vehicle, block the wheels and jack the car as instructed in the owner's manual.
2. In other applications, be ready for parts shifting when the fastener is removed.
3. Install the correct impact socket on the tool. Only use impact rated sockets.
4. Select the correct rotation direction using the button above the trigger switch.
5. Slide the fully charged battery pack onto the base of the handle. The tool will operate at peak power with a fully charged battery pack.
6. Place the socket onto the fastener to be removed/tightened.
7. Hold the impact wrench with both hands and squeeze the trigger to start the tool. The tool is variable speed so the harder you squeeze the higher the speed.
8. When removing nuts, always squeeze the trigger fully so the tool operates at its maximum speed to generate maximum torque.
9. If a fastener to be removed is "frozen" and will not loosen after 15 seconds of operation, reverse the impact wrench rotation and tighten the fastener for 5 seconds to break it loose then change the rotation direction again to remove the fastener.
10. When tightening fasteners, do not let the tool "rattle" for more than 2-3 seconds. This may overtighten the fastener.
11. Always check tightened fasteners with a torque wrench recommended by the manufacturer to ensure the correct torque has been applied. Particularly when tightening wheel nuts.

CHARGE THE BATTERY

NOTE: A discharged battery pack will be fully charged in approximately two hours. Remove the battery pack from the tool when not in use.

WARNING

Always charge the battery pack indoors in a well-ventilated area. The charger must never be subjected to wet conditions.

ELECTRICAL WARNING

POWER SOURCE CONNECTION POWER REQUIREMENTS

This product is designed to operate on a properly grounded 120 volt, 60Hz, single-phase alternating current (AC) power source fused with a time delayed fuse or circuit breaker. It is recommended that a qualified electrician verify the ACTUAL VOLTAGE at the receptacle into which the product will be plugged and confirm that the receptacle is properly fused and grounded.

DO NOT OPERATE THIS PRODUCT if the ACTUAL power source voltage is less than 105 volts AC or greater than 132 volts AC. Contact a qualified electrician if this problem exists. Improper performance and/or damage to the product will result if operated on inadequate or excessive power.

CONNECT TO POWER SOURCE

Consult a qualified electrician for proper installation of receptacle at the power source. This product must be grounded while in use to protect the operator from electrical shock. If you are not sure if your outlet is properly grounded, have it checked by a qualified electrician. Do not cut off the

grounding prong or alter the plug in any way and do not use any adapters between the product's power cord and the power source receptacle. Make sure the POWER switch is OFF then connect the power cord to a properly grounded 120V, 60Hz, single phase, 20 Amp power source.

Do not abuse cord. Never use the cord to carry tools or pull the plug from an outlet. Keep cord away from heat, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.

1. Place the charger in a dry location near a 120V/60 Hz electrical outlet.
2. Plug the charger into the electrical outlet.
3. The green LED light will turn on.
4. Turn the battery pack upside down and slide it onto the charger.
5. The green LED light will turn off and the red LED light will begin to flash indicating the battery pack is charging.
6. The red LED light will turn off and the green LED light will turn on when fully charged.
7. Once the battery pack is fully charged, remove the charger plug from the power source and remove the battery pack from the charger.

NOTE: Do not charge batteries when the work area or the battery temperature is at or below 32° F (0° C) or above 113° F (45° C).

Green Light	Red Light	Battery on the Charger	Charging Status
On	Off	No	Charger connected to power supply
Off	Flashing	Yes	Battery being charged
On	Off	Yes	Battery fully charged
Off	On	Yes	Battery defective or bad connection
On	On	Yes	Battery too hot or too cold to be charged





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