

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.



4V MAX* LITHIUM-ION CORDLESS SCREWDRIVER

FOR CUSTOMER SERVICE

Technical Question?

CALL 1-866-458-2472
customerservice@oem-tools.com

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™ Cordless Screwdriver if broken, bent, cracked or damaged parts (including labels) are noted. Any Screwdriver that appears damaged in any way, operates abnormally or is missing parts should be removed from service immediately. If you suspect that the Screwdriver 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.

*Voltage is measured without workload. Initial battery voltage reaches a maximum of 4 Volts. Nominal voltage is 3.6 Volts.

▲ WARNING

The following safety information is provided as a guideline to help you operate your Cordless Screwdriver 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 who 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 register your new tool at www.oem-tools.com and 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 customer service to determine if it can or should be performed on the product.

▲WARNING: This product can expose you to chemicals, including acrylonitrile, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.





4V MAX* LITHIUM-ION CORDLESS SCREWDRIVER

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, neckties, rings, bracelets, or other jewelry may present a potential hazard when operating this tool. Keep all apparel clear of the tool.
7. DO NOT 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 manufacturer's service manual.

▲WARNING: Carefully read Rules for Screwdriver Safety.

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.
2. DO NOT disassemble the Cordless Screwdriver. Take it to a qualified professional when service or repair is required. Incorrect reassembly may result in electric shock or fire.
3. Only use accessories which are specifically designed for use with a Cordless Screwdriver.
4. Wear approved safety eye/face shield, ear defenders and hand protection.

DISPOSAL

At the end of the useful life of the OEMTOOLS™ Cordless Screwdriver, 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. Call 800-822-8837 or visit www.call2recycle.org to find a collection location.

PURPOSE

The OEMTOOLS™ 4V Cordless Screwdriver aids in driving screws into various materials while not damaging them. It has an LED light that illuminates work when you need extra light. The Cordless Screwdriver includes 4 bits and integral rechargeable battery.



4V MAX* LITHIUM-ION CORDLESS SCREWDRIVER

PRODUCT SPECIFICATIONS

Spindle Speed:	230 RPM (no-load)
Drive:	1/4" Hex
Battery:	4V Li-ion
Rotation:	Right or Left
Weight:	13 Oz.
Charge Time:	3-5 Hours
Charger Input:	100-240V AC, 50-60Hz, 8W
Charger Output:	6V DC, 300 mA

INSTRUCTIONS

CHARGING THE BATTERY

The battery pack for this driver is contained within the main housing of the tool. Never attempt to open the battery housing for any reason. If the battery housing breaks or cracks, immediately discontinue use and DO NOT recharge.

1. Place the Cordless Screwdriver near a 120 V, 60 Hz electrical outlet.
2. Insert the battery charger plug (1) into the charger receptacle (2) in the handle of the Cordless Screwdriver (3) (Fig. 1).
3. Plug the battery charger (4) into a 120 V 60 Hz wall receptacle.

NOTES:

- a) The red indicator light (5) in the handle will turn ON, indicating the battery is being charged.
- b) The red indicator light will remain ON until the battery is fully charged.
- c) A new battery or one that is completely exhausted should be charged for 5 hours or until the charger shuts down and the RED indicator light goes OFF. After normal use, a battery should be fully charged in about 3 hours.
- d) If the battery does not charge properly, check to make sure the electrical outlet is "live" and that the temperature range in the work area is between 0-40° C (32-104° F).

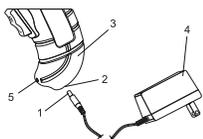


Figure 1

INSTALLING SCREWDRIVER BITS

⚠WARNING: Never hold the body of the Cordless Screwdriver with your fingers near the switch while changing screwdriver bits. Accidentally touching the switch may start the tool and possibly cause an injury.

1. Select an appropriate screwdriver bit that fits the head of the screw being driven.

NOTES:

- a) Use the largest size screwdriver bit that will properly fit the screw head.
 - b) Make sure the screwdriver bit is in good condition and is neither damaged nor worn.
2. Insert the screwdriver bit (1) fully into the screwdriver collet (2) (Fig. 2).

NOTE: Make sure the screwdriver bit is fully inserted into the collet.

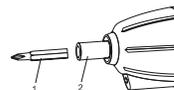


Figure 2

RIGHT/LEFT SWITCH

The Cordless Screwdriver is equipped with a convenient switch that functions as both an ON/OFF switch and a RIGHT/LEFT switch.

1. To drive screws, press the upper part of the switch (1) (Fig. 3). To turn the switch OFF, release the switch.
2. To remove screws, press the lower part of the switch (2).

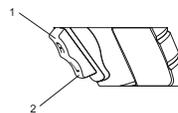


Figure 3

SCREWDRIVER LIGHT

The Cordless Screwdriver is equipped with a LED light (1) (Fig. 4). The light will automatically turn ON when the switch is pressed. It will also turn OFF when the switch is released.

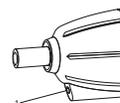


Figure 4



4V MAX* LITHIUM-ION CORDLESS SCREWDRIVER

PREPARING SCREW HOLES

It is important to prepare screw holes before attempting to fasten two pieces of wood together. Proper preparation will make screws drive easier and prevent misaligned components, stripped screw heads, splitting, and separating of wood components.

1. Clamp components that are to be screwed together in their desired position (Fig. 5).
2. Drill a pilot hole (1) through the outer piece (2) and into the inner piece (3). Drill hole 2/3 the diameter of the smooth portion of the screw shank.

NOTE: If the wood is soft, drill the hole 2/3 the length of the screw. If the wood is hard, drill the hole the full length of the screw.

3. Remove the clamp from the two pieces to be screwed together.
4. Enlarge the hole (1) in the outer piece (2) so that it is the same size as the smooth portion of the screw shank (Fig. 6).
5. If using a flat head screw, counter-sink the hole (4) so the head of the screw will be flush with the surface when fully driven into place.

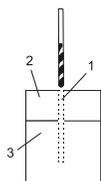


Figure 5

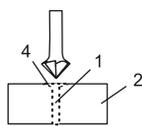


Figure 6

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). At higher temperatures, 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.

DRIVING SCREWS

When driving screws, care must be taken to use the bit that correctly fits the head of the screw being driven. Make sure you use the largest bit size that will properly fit into the head of the screw. The bits must also be in good condition and not worn so they will drive screws without slipping out of the screw head.

1. Select the correct screwdriver bit for the screw being driven.
2. Insert the bit (1) fully into the screwdriver collet (2) (Fig. 7).
3. Insert the screwdriver bit fully into the screw head (3).
4. While holding the screwdriver firmly against the screw and the bit aligned with the screw, press the upper part of the switch to start the screwdriver and drive the screw.
5. When the screw is driven to the correct depth, release the switch and the screwdriver will stop.
6. When the switch is released and the screwdriver stops turning, the spindle will automatically lock. Fully tighten the screw by manually rotating the screwdriver handle in a clockwise direction.
7. To remove screws, follow the same general procedure as for driving screws. When starting the screwdriver, press on the lower part of the switch.

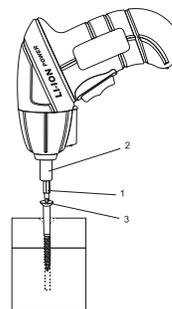


Figure 7

GENERAL MAINTENANCE

⚠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.



4V MAX* LITHIUM-ION CORDLESS SCREWDRIVER

▲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.

BATTERY PACK REMOVAL AND PREPARATION FOR RECYCLING

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

This product contains lithium-ion batteries. Never dispose of lithium-ion batteries in normal household garbage or in landfill sites as they will add to the pollution of the environment.

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

▲WARNING: Upon removal of the battery, cover the terminals of the battery with electrical or heavy-duty adhesive tape. Never touch both terminals with metal objects or body parts as a short circuit may result. Keep away from children. DO NOT attempt to destroy or disassemble battery or remove any of its components. Lithium-ion batteries must be recycled or disposed of properly. Failure to comply with these warnings could result in fire and serious injury.

BATTERY MAINTENANCE

For power, long operational life and light weight, this tool is powered by a lithium-ion battery.

These lithium-ion batteries are powerful, rugged and will provide hundreds of charge/discharge cycles if properly maintained.

NOTE: Never remove the battery in order to use it for any other purpose. This will void the warranty.

HOW TO CARE FOR THE LITHIUM-ION BATTERY:

1. DO NOT use the Cordless Screwdriver at temperatures below -10°C (14°F).
2. Never allow a battery to freeze.
3. DO NOT charge a battery that has been stored at or below 0°C (32°F) or above 40°C (104°F). Allow it to sit at room temperature for at least 30 minutes before charging.
4. DO NOT charge the battery if the tool seems warm to the touch.

5. To protect the battery, this tool is equipped with a battery monitor circuit. When the battery voltage reaches the minimum manufacturer's recommended voltage, it interrupts the power to the tool, signaling that the battery should be charged.
6. At very low temperatures, battery output is severely reduced. However, it is safe to use the tool, as its output will increase to normal levels due to self-generated heat.

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.

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.

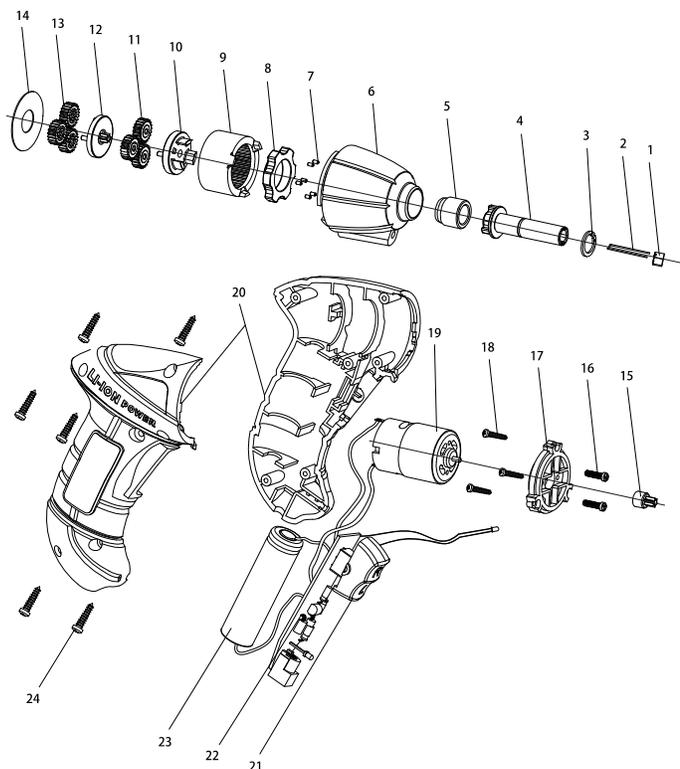


This symbol designates that this tool is listed with the U.S. requirements by ETL Testing Laboratories, Inc. and conforms to UL Std. 60745-1, 60745-2-1 and 60745-2-2.



4V MAX* LITHIUM-ION CORDLESS SCREWDRIVER

PARTS DIAGRAM



PARTS LIST

Item #	Description	Qty.
1	Stop	1
2	Steel Stop Rod	1
3	Retaining Ring	1
4	Collet	1
5	Sleeve	1
6	Gear Case	1
7	Pins	6
8	Nesting Ring	1
9	Gear Bushing	1
10	Planetary Gear Carrier	1
11	Planetary Gear	3
12	Planetary Drive Plate	1
13	Planetary Gear	3
14	Locking Plate	1
15	Motor Pinion Gear	1
16	Screw, M2.5 x 4.5	2
17	Motor Flange	1
18	Screw, ST2.5 x 8	3
19	Motor	1
20	Housing	1
21	Switch	1
22	PCB	1
23	Battery Pack	1
24	Self-Tapping Screw	6

NOTE: Not all components of the Cordless Screwdriver are replacement items, but are illustrated as a convenient reference for location and position in the assembly sequence.



4V MAX* LITHIUM-ION CORDLESS SCREWDRIVER

OEMTOOLS™ ONE YEAR WARRANTY

For up to one year from the date of purchase of this OEMTOOLS™ product, if you find any defect in material or workmanship (through normal usage), return it to the place of purchase or to OEMTOOLS™ for repair or replacement at our discretion. In order to obtain this service, send the product and proof of purchase (transportation pre-paid) to:

OEMTOOLS™ Q.A. Dept, 3580 E. Raines Road #3, Memphis, TN 38118.

We will not be responsible for lost or damaged goods during transportation; please insure your package. If our inspection verifies the defect, we will either repair or replace the product, or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

OEMTOOLS™ does not provide warranty for products labeled other than OEM® or OEMTOOLS™. OEMTOOLS™ will not provide any warranty for products subjected to abnormal use. Abnormal use includes (but is not limited to) abuse, accident, alteration, neglect, and unauthorized or unreasonable use or repairs. This warranty does not cover bits, blades, files, batteries, or calibration. We recommend that you maintain your tools and sharpen or replace blades, bits, files, and batteries as necessary. OEMTOOLS™ reserves the right to make any changes in construction or design at any time without any obligation in incorporating such changes to tools or equipment previously sold. OEMTOOLS™ makes every effort to ensure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of one year from the date of purchase. This warranty does not apply to damage due directly or indirectly to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance.

We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Don't forget to register your new OEMTOOLS™ product at www.oem-tools.com.

CONTACT US

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