

***XHD Lithium
Cordless Blower
18V - Bare Tool***

TSC25



OPERATORS MANUAL



TABLE OF CONTENTS

Specifications.....3
Product Identification.....3
Safety Guidelines.....4
Blowing Assembly.....8
Vacuuming Assembly.....9
Operation.....10
Maintenance.....14

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Note

This manual is for your reference only. Due to the continuous improvement of the XHD Lithium products, changes may be made at any time without obligation or notice.

Thank You

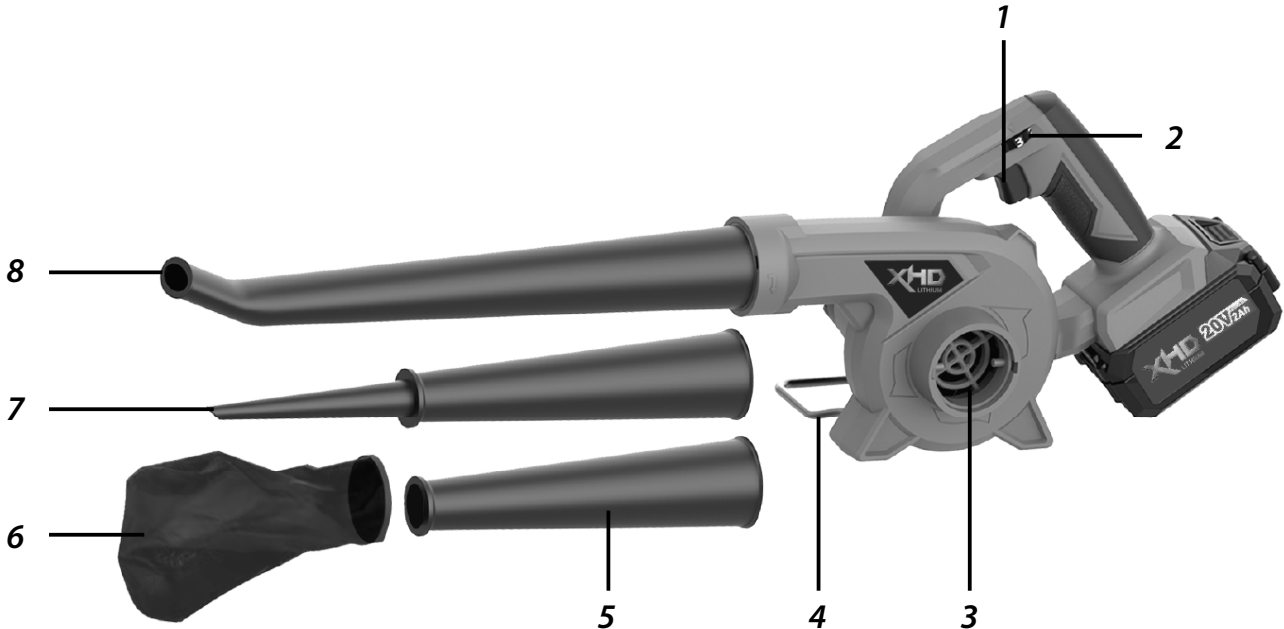
For the purchase of this XHD Lithium product. We try our hardest to supply customers like you with the best quality products available, at the best price possible. We cant wait to continue working together in the future.



SPECIFICATIONS

<i>No Load Speed</i>	23000 RPM
<i>Air Volume</i>	0.8–1.5m3/min
<i>Air Speed (Average)</i>	0–257km/h
<i>Rated Voltage</i>	18 VDC

PRODUCT IDENTIFICATION



- 1 ON/OFF Trigger
- 2 Variable Speed Dial
- 3 Suction Inlet
- 4 Stand
- 5 Nozzle
- 6 Dust Bag
- 7 Tapered Nozzle
- 8 Garden Nozzle



SAFETY GUIDELINES

WARNING

READ ALL SAFETY WARNINGS & INSTRUCTIONS. Failure to follow instructions and warnings could lead to serious injury, electric shock, or fire.

Work Area Safety

- **Ensure that your work area is kept clean and well lit.** Lack of visibility and clutter greatly increase the risk of accident when using tools.
- **Keep bystanders, pets, and children clear when operating this power tool or machine.** They can cause distraction or risk injury to themselves.
- **Ensure you are not operating the power tool or machinery in the presence of dust, liquids, flammable gases, or anything that can create an explosive atmosphere.** Power tools and machinery can create sparks which can lead to ignition and fire hazards in working environments.

Personal Safety

- **Always wear personal protective equipment (PPE).** Eye protection, ear protection, dust masks, and other protective equipment will help to reduce the risk of personal injury or long-term illnesses.
- **Dress appropriately. DO NOT wear loose clothing that can get caught in moving parts.** Keep hair, loose clothing, jewellery, and anything else that could be of risk, away

from moving parts in the machine, or they could become caught therein.

- **Always remain alert and DO NOT operate power tools or machinery under the influence of any substances such as alcohol or drugs, including prescription medications.** Lack of focus could lead to injury or accidents while operating these power tools and machinery.
- **Always ensure proper footing and balance.** Overreaching can lead to slipping and falling which can result in injury or accident.
- **Ensure the power switch is in the OFF position before connecting any battery, or power source to the power tool or machinery.** This can cause injury as tools and machinery can suddenly fire incidentally when live, causing accidents.
- **Use all provided dust collection and extraction attachments, if included.** This equipment, along with the use of PPE dust masks, can help keep you safe from dust inhalation, and keep your work site clear from hazards.
- **Ensure loose parts such as wrenches or adjusting keys are removed before starting the power tool or machinery.**



SAFETY GUIDELINES

Power Tool & Machinery Use & Care

- **Use the correct tool for the job.** Forcing a tool to do a job it was not designed for increases the risk of accident or injury.
- **Disconnect tools and machinery from power, or remove batteries before doing any maintenance or adjustments, or before storing the tools and machinery.** This reduces or removes the risk of a power connection that causes the tool or machinery to accidentally fire, which can help prevent injury or accident.
- **Check the general condition of the power tool for damage or any problems that could affect the way the tool or machine works.** An unrepaired tool or machine can lead to accident and injury. Only have your tool or machine repaired with genuine parts from your local distributor
- **Only use the power tool and machinery with genuine parts or accessories that are designed to be used with this power tool and machinery.** Failure to do so could result in accident or injury, or damage your tool or machinery.
- **Store your tool or machinery out of reach of children, and away from untrained personnel when not in use.** Use by somebody untrained, or a child, could lead to accident or serious injury.

Service

- **Have your tools and machinery serviced by your local distributor with genuine XHD Lithium replacement parts.** This will ensure that the safety of the power tool or machine is maintained.

WARNING

The warnings and precautions discussed in this 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.

Always Use Common Sense

- It is not possible to cover every conceivable situation you can face. Always exercise care and use your common sense. If you get into a situation where you feel unsafe, stop and seek expert advice. Contact your dealer, service agent, or an experienced user. Do not attempt any task you feel unsure of!
- **Do not let familiarity gained from the 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.



SAFETY GUIDELINES

Battery Tool Use & Care

- Prevent unintentional starting. Ensure the switch is in the OFF position before connecting to the battery pack, picking up, or carrying the machine. Carrying the machine with your finger on the switch or energising a machine that has the switch ON invites accidents.
- Disconnect the battery pack from the machine before making any adjustments, changing accessories, or storing the machine. Such preventive safety measures reduce the risk of starting the machine accidentally.
- Recharge the battery 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.
- Use machines only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When the battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws, or small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush the area with water. If liquid contacts eyes, seek medical help. Liquid ejected from the battery may be acidic and may cause irritation or burns.
- Do not use a battery pack or machine that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion, or risk of injury.
- Do not expose a battery pack or machine to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.
- Follow all charging instructions and do not charge the battery pack or machine outside of the temperature range specified in the instructions.
- Charging the battery improperly, or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- Have servicing performed by a local XHD distributor repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
- Do not modify or attempt to repair the machine or the battery pack except as indicated in the instructions for use and care.

Battery Long Life Tips

- Charge the battery cartridge before it is completely discharged. Always stop tool operation and charge the battery cartridge when you notice less tool power.
- Never recharge a fully charged battery cartridge. Overcharging shortens the battery service life.
- Charge the battery cartridge with room temperature at 10°C – 40°C. Allow a hot battery cartridge to cool before charging it.
- Charge the battery cartridge once in every six months if you do not use it for extended periods at a time.



SAFETY GUIDELINES

Blower Specific Safety

- Always wear PPE suitable footwear and long trousers while operating the machine.
- Do not wear loose clothing or jewellery that can be drawn into the air inlet. Keep long hair away from the air inlets.
- Always use protective goggles, a cap, and mask when using the machine. Ordinary eye or sun glasses are NOT safety glasses.
- To prevent dust irritation, the wearing of a PPE face mask is recommended.
- While operating the blower, always wear non-slip and protective footwear. Non-skid, closed-toed safety boots and shoes will reduce the risk of injury.
- Switch off the machine and remove the battery cartridge and make sure that all moving parts have come to a complete stop:
 1. Whenever you leave the machine.
 2. Before checking, cleaning, or working on the machine.
 3. If the machine starts to vibrate abnormally.
 4. Whenever you convert the machine from blower to vacuum, and vice versa.
- Operate the machine only in daylight or in good artificial light.
- Do not overreach and keep proper balance and footing at all times.
- Never blow debris in the direction of bystanders.
- Operate the machine in a recommended position and on a firm surface.
- Do not operate the machine at high places.
- Never point the nozzle at anyone in the vicinity when using the machine.
- Never block the suction inlet or blower outlet.
- Be careful not to accidentally block the suction inlet or blower outlet with dust or dirt when operating in dusty area.
- Do not use the blower to inflate balls, rubber boat, or the similar.
- Do not operate the machine near open windows, etc.
- Using rakes and brooms to loosen debris before blowing is recommended.
- If the machine strikes any foreign objects or should start making any unusual noise or vibration, immediately switch off the machine. Remove the battery cartridge from the machine and inspect the machine for damage before restarting and operating the machine. If the machine is damaged, contact your nearest XHD Lithium dealer for repair.
- Do not insert fingers or other objects into suction inlet or blower outlet.
- Prevent unintentional starting. Ensure the switch is in the OFF position before inserting the battery, picking up, or carrying the machine. Carrying the machine with your finger on the switch, or energising the machine while the switch is on invites accidents.
- Never blow or vacuum dangerous materials, such as nails, fragments of glass, or blades.
- Do not operate the machine near flammable materials.
- Avoid operating the machine for a long time in a low temperature environment.
- Always use the dust bag when collecting dust, chips, and the like.
- Do not collect still smouldering cigarette ashes, freshly cut metals shavings, screws, nails, and the like.

BLOWING ASSEMBLY

CAUTION

Always be sure that the machine is switched off and the battery cartridge is removed before assembling or disassembling the machine.

Installing & Removing the Standard Nozzle

- Align the protrusions on the nozzle with the grooves on the main unit, then insert the nozzle into the main unit, and then turn it to lock it into place.

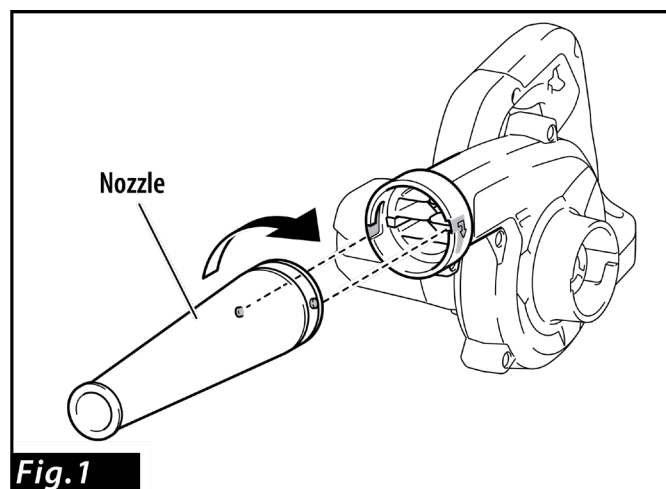


Fig.1

- To remove the standard nozzle, perform the installation procedure in reverse.

Installing & Removing the Garden Nozzle

- Align the protrusions on the garden nozzle with the grooves on the main unit. Insert the garden nozzle into the main unit, and then turn it to lock it into place.

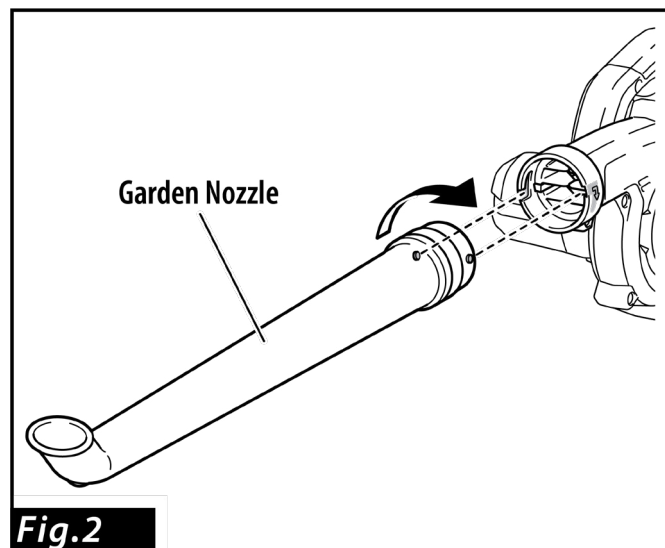


Fig.2

- To remove the garden nozzle, perform the installation procedure in reverse.

Installing & Removing the Long Nozzle

- Install the long nozzle in the same way as the standard nozzle. To remove the long nozzle, perform the installation procedure in reverse.

Installing & Removing the Tapered Nozzle

- Attach the tapered nozzle to the standard nozzle, and then install the combined nozzle to the main unit. To remove the tapered nozzle, perform the installation procedure in reverse.

VACUUMING ASSEMBLY

Installing & Removing the Nozzle

- Align the protrusions on the nozzle with the grooves on the main unit, then insert the nozzle into the main unit, and then turn it to lock it into place.

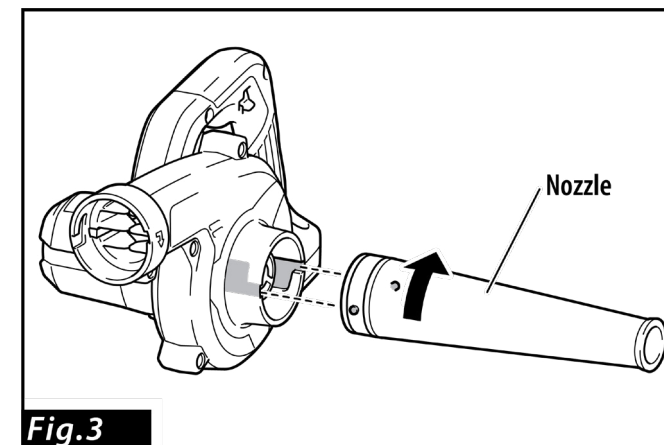


Fig.3

- To remove the nozzle, perform the installation procedure in reverse.

Installing & Removing the Dust Bag

- Align the protrusions on the joint of the dust bag with the grooves on the main unit. Insert the joint into the main unit, and then turn it to lock it into place.
- To remove the dust bag, perform the installation procedure in reverse.

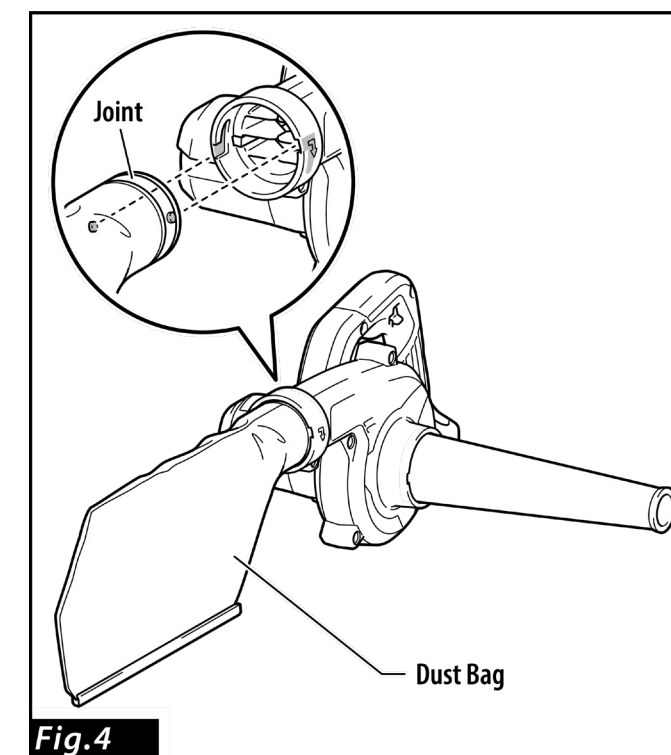


Fig.4

OPERATION

CAUTION

Always switch the machine OFF before installing or removing the battery cartridge.

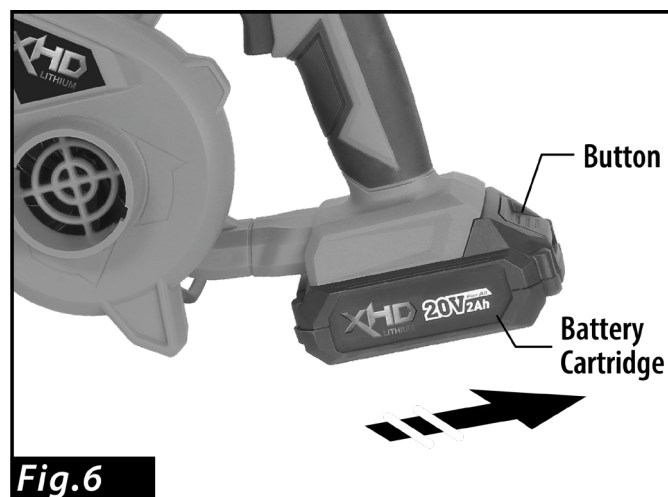
Hold the machine and the battery cartridge firmly when installing or removing the battery. Failure to do so may cause them to slip off your hands and result in damage to the machine, battery cartridge, and a personal injury.

Always install the battery cartridge fully until the red indicator light cannot be seen. If not, it may accidentally fall out of the machine.

Do not install the battery cartridge forcibly. If the cartridge does not slide in easily, it is not being inserted correctly.

Installing & Removing the Battery Cartridge

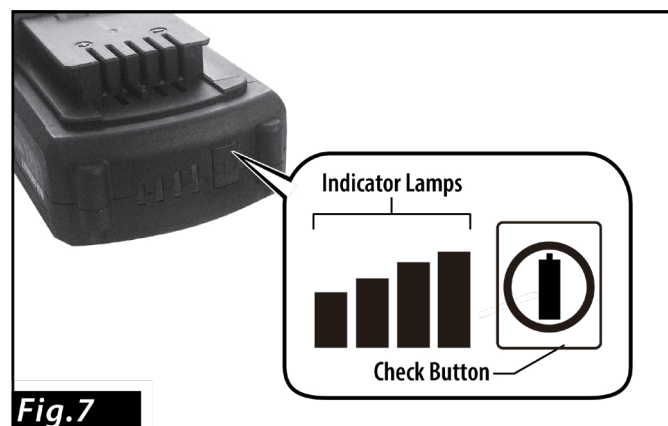
- To remove the battery cartridge, slide it from the machine while sliding the button on the front of the cartridge.
- To install the battery cartridge, align the tongue on the battery cartridge with the groove in the housing and slip it into place. Insert it all the way until it locks in place with a little click.



Indicating the Remaining Battery Capacity

Only for battery cartridges with the indicator.

- Press the Check Button on the battery cartridge to indicate the remaining battery capacity. The indicator lamps light up for a few seconds.



OPERATION

INDICATOR LAMPS				REMAINING CAPACITY
LIGHTED	OFF	BLINKING		
■	■	■	■	75% to 100%
■	■	■	□	50% to 75%
■	■	□	□	25% to 50%
■	□	□	□	0% to 25%
▬	□	□	□	Charge the Battery.
■	■	□	□	The Battery may have Malfunctioned
□	□	■	■	

NOTE: Depending on the conditions of use and the ambient temperature, the indication may differ slightly from the actual capacity.

NOTE: The first (far left) indicator lamp will blink when the battery protection system works.

Machine/Battery Protection System

- The machine is equipped with a machine/battery protection system. This system automatically cuts off power to the motor to extend the machine and battery life. The machine will automatically stop during operation if the machine or battery is placed under one of the following conditions:

Overload Protection

- When the machine or battery is operated in a manner that causes it to draw an abnormally high current, the machine automatically stops without any indication. In this situation, turn the machine off and stop the application that caused the machine to become overloaded. Then turn the machine on to restart.

Overheat Protection

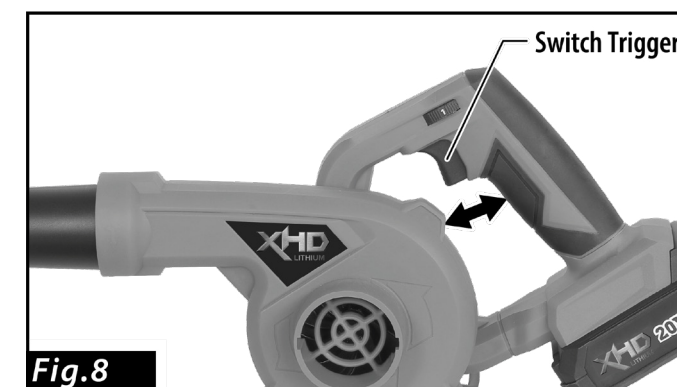
- When the machine or battery is overheated, the machine stops automatically. In this case, let the machine and battery cool before turning the machine on again.

Over Discharge Protection

- When the battery capacity is not enough, the machine stops automatically. In this case, remove the battery from the machine and charge the battery.

Switch Action

- To start the machine, simply pull the switch trigger. The speed is increased by increasing pressure on the switch trigger. Release the switch trigger to stop.



NOTE: When you start pulling the switch trigger, electronic sound may be emitted from the machine, but it does not mean a malfunction of the machine.

OPERATION

NOTICE

If the machine has been operated continuously until the battery has become empty, rest the machine for at least 15 minutes before operating the machine with a fresh battery.

Speed Adjusting Dial

- The speed can be changed by turning the speed adjusting wheel. Bigger number means higher speed.

NOTE: When turning the dial, be sure to completely release the switch trigger. Otherwise, the machine may be damaged.



Fig.9

CAUTION

Do not place the machine on the ground while it is switched on. Sand or dust may enter from the suction inlet and cause a malfunction or personal injury.

Blower Operation

- Hold the machine firmly by hand and perform the blowing operation by moving it left to right slowly. When blowing around buildings, big stones, or vehicles, direct the nozzle away from them. When performing an operation in a corner, start from the corner and then move to the wider area.

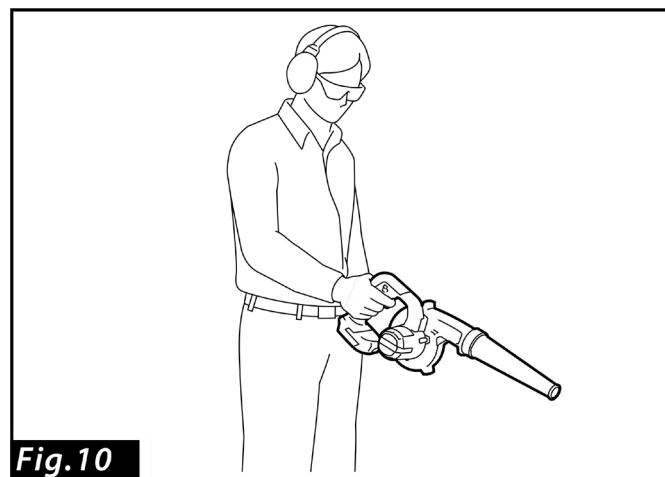


Fig.10

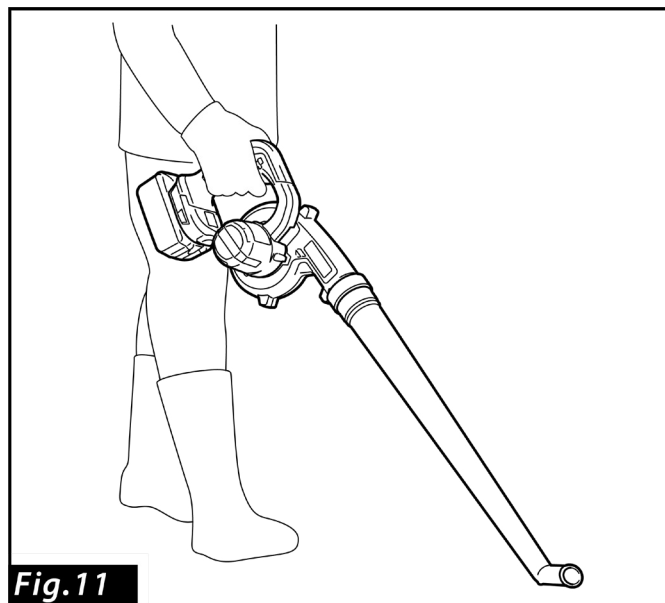


Fig.11

OPERATION

Vacuuming Operation

CAUTION

When performing the vacuuming operation, be sure to attach the dust bag and nozzle in place to the machine.

Check the dust bag frequently for wear or deterioration.

Be sure to fasten the fastener of the dust bag before operating the machine.

Always switch off the machine before opening or fastening the fastener of the dust bag.

NOTE: When performing the vacuuming operation, do not use the garden nozzle. The materials sucked in may be clogged, and cause a malfunction of the machine.

NOTE: Do not allow wet materials, such as wet leaves, and foreign materials, such as large wood chips, metals, glass, pebbles, etc., to be sucked into the machine. Otherwise, a malfunction may occur.

NOTE: Empty the dust bag before it becomes full. Otherwise, a malfunction may occur.

- Hold the machine with both hands. While operating the machine, adjust the switch trigger so that the suction force is appropriate for the work location and conditions.

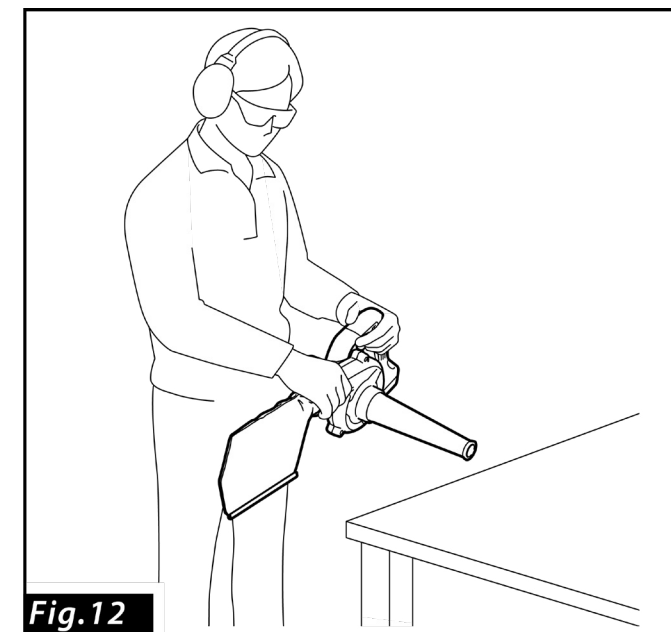


Fig.12

- Empty the dust bag before it becomes too full by removing the dust bag from the machine, and then removing the fastener.

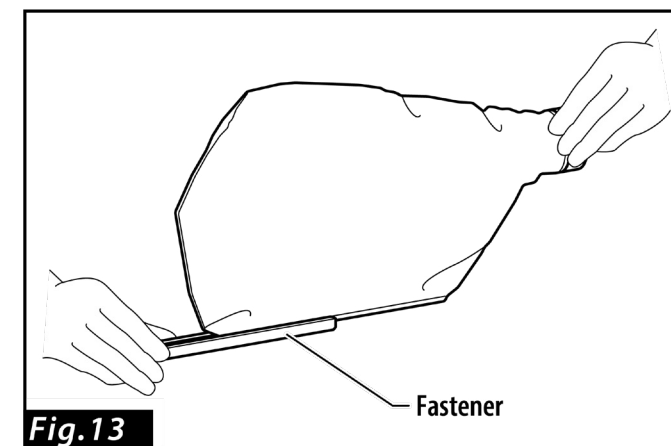


Fig.13

MAINTENANCE

- Before cleaning or performing any maintenance, you must ensure the tool is switched off and disconnected from the power supply.
- Compressed air is the most effective way to clean this tool. Always wear PPE safety goggles when cleaning tools with compressed air.
- Ventilation openings and switch levers must be kept clean. DO NOT attempt to clean by inserting pointed objects through openings.
- Do not use harsh chemicals or solvents when cleaning this tool.
- If you discover any damaged or broken parts, consult your local XHD distributor for replacements and advise.



WARNING

Always be sure that the tool is switched off and the battery removed before attempting to perform any inspection or maintenance.

Cleaning the Machine

- Clean the machine by wiping off dust with a dry cloth or one dipped in soapy water and wrung out.

NOTE: Never use gasoline, benzene, thinner, alcohol, or the like. Discolouration, deformation or cracks may result.

- Remove dust or dirt from the suction inlets.

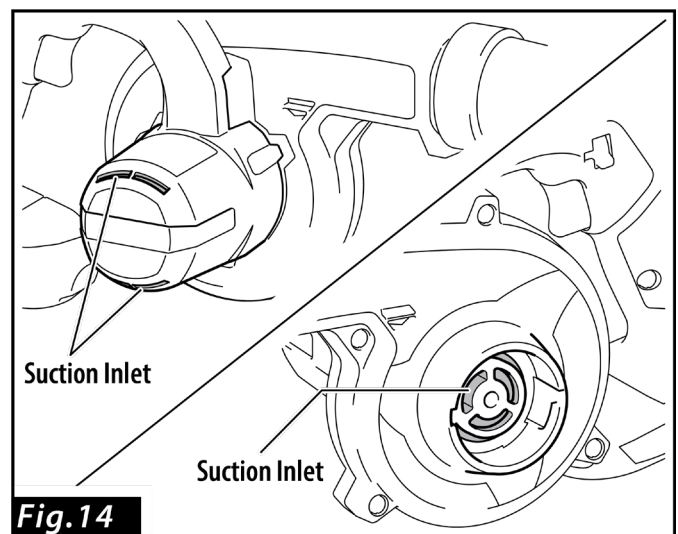


Fig.14

Environment & Disposal

- Packaging materials are raw materials and can be re-used. Separate the different packaging materials and take them to the appropriate waste disposal facility. More information can be obtained from your local authorities.
- Old machines do not belong in your household garbage! Dispose of old machines appropriately, we are all responsible for the environment.