GAZELLE®

GC2078

Rebar Flush Machine
User Manual



WARNING

This tool is dangerous to operate. Please read this manual carefully before use to avoid serious personal injury and property loss caused by improper operation. If you have any question, please contact your nearest authorized agency.

TABLE OF CONTENTS

I. Safety regulations and precautions 02

II. General power tool safety warnings 03

III. Warning for using saw blades 06

IV. Specifications and models 10

V. Component names 20

VI. Operating procedure 22

VII. Saw blade replacementsteps 23

VIII. Maintenance 23

I. SAFETY REGULATIOONS AND PRECAUTIONS

WARNING

• Before operating this device, please read and understand this user manual.
• Failure to follow the operating instruction may result in injury or serious injury accidents.



Warning symbols related to safety.



Danger of splashing debris or cutting noise, please wear ear and eye protection.



Do not approach the operating equipment with your hands while rotating the saw blade.
Please turn off the power and remove the battery before maintenance.

SYMBOLS

Before operating this device, please read and understand the meanings of all the symbols.
Failure to follow the operating instructions may result in injury or serious injury accidents.

SAVE THESE INSTRUCTIONS

Meaning of "caution" and "warning" indications.

Caution: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. This is also used to alert against unsafe practices associated with events that could lead to personal injury.

Warning: Indicates a potential hazardous situation which, if not avoided, will result in death or serious injury.

*** We shall not be responsible for any incidental damages or personal injuries resulting from negligence of Warnings and Safety Instructions contained in the Instruction Manual.

II. GENERAL POWER TOOL SAFETY WARNINGS

• Read all safety warnings, instructions, illustrations and specifications provided with this power tool.
• Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.
• Save all warnings and instructions for future reference.

1. Read this manual carefully before use.

2. Please Use only the character and battery specified in this manual.

- Any combination other than those specified in this manual may result in personal injury or damage due to explosion.

3. Charge properly.

- Use the charger only at rated AC power. Do not use a step-up transformer, car generator, or use this charger to supply DC power. Incorrect use can lead to overheating and fire.
- Do not charge the battery at temperatures below 10°C (50F) or above 40°C (104°F) as this may cause an explosion or fire.

4. Do not short-circuit the pins of the battery. Avoid placing the battery in the same container with other metal objects such as nails, coins, etc., otherwise short circuits may cause overheating, fire and explosion.

5. Prevent electric shock.

- Do not touch the power plug with wet hands as this may cause electric shock.

6. Please pay attention to the working environment.

- Do not expose charger and battery to rain or use in humid environments as this may cause overheating or electric shock.
- Keep the work area well lit. Working in low-light environments can lead to accidents.
- Do not use or charge batteries near flammable liquids or gases, as this may cause an explosion or fire.

7. Please wear goggles and protective clothing.

- Wear goggles, dust covers, non-slip safety shoes, helmets and other mandatory or necessary protective clothing at all times when using the device. Failure to do so will result in personal injury.

8. Prevent accidental startup.

- Before connecting to the battery pack, picking up or handling the tool, make sure the switch is in the off position. Placing your finger on the switch while handling a tool can cause accidents.

9. Fix the workpiece.

- Use a clamp or vice to secure the workpiece. This allows both hands to hold, control and operate the tool correctly. If the workpiece is not fixed correctly, it can lead to personal injury.

10. Remove the battery to disconnect power from the tool when any of the following conditions occur.

- Tools are out of service or under repair.
- Parts such as saw blades are being replaced.
- There is a danger of being identified.

Failure to do so may result in accidental operation, damage, or personal injury.

11. Use only specified accessories or devices.

- Use only the accessories or devices described in this manual. The use of other brand accessories or devices may result in accidents or personal injury.

12. Do not expose the battery to fire as the battery may explode or produce toxic substances.

13. When overused, liquid may spill from the battery, please avoid contact.

- In case of accidental contact with battery leakage, rinse with clean water.
- If liquid comes into contact with eyes, rinse with clean water and seek medical attention immediately, as this can cause blindness.

14. If the machine running time becomes too short, stop using it immediately. There is a risk of overheating, which can lead to fire or even explosion.

WORK AREA SAFETY

1. Keep work area clean and well lit. Cluttered or dark areas invite accidents.

2. 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.

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

4. Store idle power tools correctly.

- 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.
- Do not store and use the tool and battery in locations where the temperature may reach or exceed 50°C (122 °F), such as metal boxes and cars in summer. It may shorten the service life of the battery or cause smoke and fire.

5. Do not abuse power tools.

- Use the tool at an appropriate speed and according to its designed purpose. Cutting too fast may cause machine damage or personal injury.
- Do not use the tool in such a way that the motor is not energized, otherwise it may cause smoke and fire.

6. Use electric tools for proper use.

- According to this manual, use electric tools, devices and saw blades according to operating conditions and operating characteristics. Do not use tools for large-scale operations. Personal injury will be caused when used in applications other than these design purposes.

7. Dress properly.

- Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- Wear rubber gloves and non-slip safety shoes when operating electric tools outdoors. Slippery gloves or shoes may cause personal injury.

8. Do not abuse the cord.

- Never use the cord for carrying, pulling or unplugging the power tool.
- Keep cord away from heat, oil, sharp edges or moving parts.
- When laying the power cord, make sure it is not trampled, tripped or subjected to other damage or pressure. Damaged or entangled cords increase the risk of electric shock.

9. Don't stretch your hand too long when operating.

- Please keep your feet steady and keep your balance. In this way, the tool can be better controlled under unexpected circumstances.

10. Maintain power tools and accessories.

- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control. Damaged saw blades may cause personal injury.
- 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.
- Check the charger›s power cord regularly. The damaged power cord will increase the risk of electric shock or short circuit, leading to fire.

11. 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.

12. When charging outdoors, use rubber insulated cord or rubber insulated extension cord.

- Only use the accessories or devices described in the catalogue of this manual. If you use other brand accessories or devices, it may lead to accidents or personal injury.

13. 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.

14. Check whether the parts are damaged before use.

- Check whether the safety cover and other components that may affect the function of the tool are broken or damaged. If it is damaged, it should be replaced or repaired before use. - Check whether the moving parts are adjusted in place or stuck, and check the damage of parts and other conditions that affect the operation of power tools. If it is damaged, repair the electric tools before use. Many accidents are caused by poorly maintained power tools.
- Do not use damaged extension cord. If it is damaged, it should be replaced before use. Using the damaged extension cord will increase the risk of electric shock or short circuit, leading to fire.
- Do not use the charger if the power cord or plug is damaged or the charger is dropped or damaged. The damaged charger will increase the risk of electric shock or short circuit, leading to fire.
- Do not use a tool if its switch cannot turn it on and off. Electric tools that cannot be controlled by switches are very dangerous and must be repaired.
- Lubricate and replace accessories according to the instructions.
- Disconnect the battery from the power tool before making any adjustment or replacing accessories. This protective safety measure reduces the risk of accidental starting of power tools.

15. Please hand over your electric tools to qualified professional maintenance personnel, and only use replacement parts that are the same as the original parts. This ensures the safety of the tool.

- Do not disassemble or modify the battery and charger.
- The design of the power tool meets the safety specifications. Do not modify power tools.
- If the power tool is overheated or any other unusual symptoms are found, please repair the tool.
- Do not allow unqualified personnel to repair tools, as this may damage the safety of tools and lead to accidents and personal injuries.

16. Do not operate power tools in explosive environment, atmospheres, such as in the presence of flammable liquids, gases or dust.

- Power tools create sparks which may ignite the dust or fumes.

ELECTRICAL SAFETY

1. 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.

2. 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.

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

4. **Do not abuse the 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.**

5. **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.**

6. **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.**
   - Use of an RCD reduces the risk of electric shock.

PERSONAL SAFETY

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

2. **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.

BATTERY TOOL USE AND CARE

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.

2. **Use power tools only with specifically designated battery packs.**
   - Use of any other battery packs may create a risk of injury and fire.

3. **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 burns or a fire.

4. **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.**
   - Liquid ejected from the battery may cause irritation or burns.

5. **Do not short the battery. A battery short can cause a large current flow, overheating, possible burns and even a breakdown.**
   - Do not touch the terminals with any conductive material.
   - Avoid storing battery in a container with other metal objects such as nails, coins, etc.
   - Do not expose battery to water or rain.
   - Do not cut the cord.

6. **Do not operate tools or charge batteries in an explosive environment with paint, benzene, thinner, gasoline, gas or adhesive nearby. This may lead to explosion or fire.**

7. **When charging the battery, do not put it on paper, cardboard, cloth, cushion, mat, carpet, plastic or dust. This may lead to a fire.**

8. **Do not expose the charger to water or metal objects, which will short-circuit the charging terminal.**

9. **Do not use the charger for other purposes than charging the battery.**

10. **Make sure that there are no chips or cracks on the saw blade before using the tool. 11.Do not use water or oil when cutting.**

12. **Only use the original saw blade of our company.**

13. **Do not leave tools on the floor when the switch is locked. Otherwise, the tool will run continuously and may cause personal injury.**

14. **Please don›t operate tools near inflammable and fragile articles or people irrelevant to the operation. When cutting, hot chips and sparks will be splashed from the tool, which may damage the environment, lead to fire or personal injury.**

15. **Do not cut concrete. This can damage tools and may cause personal injury.**

16. **When operating at heights, check whether there is anyone on the ground. Any dropped materials or tools may cause accidents.**

17. **If abnormal heat is generated during charging, disconnect the battery to stop charging immediately. Continued charging may cause smoke, fire or explosion.**

18. **Please don›t make anything cover or obstruct the motor ventilation hole. This will cause the motor to overheat.**

19. **If an extension cord is used on the charger, it is recommended to use a wire with the following cross-sectional specifications and as short as possible. When charging outdoors, use cord suitable for outdoor use.**

USABLE CORD SIZE AND MAXIMUM LENGTH:

Cord Size (Nominal Cross-Sectional Area Of Cord)	Maximum cord length
0.75 mm^2	20 m
1.25 mm^2	30 m

III. WARNING FOR USING SAW BLADES

WORK AREA SAFETY

1. Ensure the Dust Bag is fixed correctly. Without the Dust Bag, when saw blades are damaged, pieces of the blades fly off and can cause serious personal injury.

2. Keep bystanders away from operations. Even with the Dust Bag fitted, damaged blades or hot debris can fly out of the bag, resulting in serious personal injury.

3. Sparking may occur when cutting with saw blade. Do not use the tool where there is the risk of fire or explosion.

4. Cutting with saw blade is noisy. Consider the work area environment. Dress protective equipment.

DRESS PROTECTIVE EQUIPMENT

5. Wear protective equipment: safety glasses, safety shoes, dust mask and helmet. Even with the Dust Bag fitted, damaged blades or hot debris can fly out of the cover, resulting in personal injury.

6. Dress properly. Do not wear a tie, loose clothing or knit gloves. Keep hair covered with a hair cover or a cap to be away from rotating blades. Before use

7. Ensure that saw blades are not deformed, chipped, cracked or worn-out. Do not use a saw blade if any damage or wear is found. Cutting under such conditions may cause further damage to the blades and serious personal injury.

8. Do not use the saw blade for any application other than that stated in the tool specification. Using the saw blade for other applications can cause excessive wear, detachment of blades, low cutting performance and abnormal generation of heat, resulting in damage to the blades and serious personal injury.

SAW BLADE REPLACEMENT

9. When replacing the saw blade, ensure that the battery is removed from the tool to prevent accidental operation and personal injury.

10. Ensure there is no one in the surroundings before operation and no abnormal sounds or abnormal vibrations occur when operating. Operating with abnormal sounds or abnormal vibrations can damage the blades resulting in serious personal injury.

DURING OPERATION

11. Do not use the saw blade for any purpose other than cutting. Do not subject the blades to damage or stress. It can break the blades resulting in serious personal injury.

12. Hold the material firmly, in a vice or similar, so that it cannot move when cutting. If the material moves, the operation becomes unstable and cannot be controlled, resulting in damage to the blades and possible serious personal injury.

13. Start cutting only after the saw blade has reached maximum speed. If the saw blade is set against the material before the motor is started, the blades will be overloaded and damaged, resulting in possible serious personal injury.

14. Do not cut in zigzags, curves, diagonals, or use the side of the blade to prise or for any other purpose.

15. If during cutting, there is an abnormal sound, abnormal vibration, or if the cutting parts are badly worn, stop operation. Continuing the operation under such conditions will damage the saw blades with the result that chips may be ejected causing serious personal injury.

16. Continuous operation makes the saw blade hot and reduces the cutting performances.

MAINTENANCE

17. If there is deformation, a crack or damage on the saw blade, stop the operation. Continuing the operation under such conditions will further damage the saw blade which may break up. Ejected broken parts can cause serious personal injury.

18. Only keep and use saw blades that are in good condition and the blades sharp and clean.

⚠ WARNING

- Always wear protective equipment: safety glasses, safety shoes, dust mask and helmet.
- Use only specific saw blade. Using non-specific parts may damage the tool and can result in serious accident or injury.

IMPORTANT SAFETY INSTRUCTIONS FOR BATTERY

1. Before using battery, read all instructions and cautionary markings on battery charger, battery, and product using battery.
2. Do not disassemble or tamper the battery. It may result in a fire, excessive heat, or explosion.
3. If operating time has become excessively shorter, stop operating immediately. It may result in a risk of overheating, possible burns and even an explosion.
4. If electrolyte gets into your eyes, rinse them out with clear water and seek medical attention right away. It may result in loss of your eyesight.
5. Do not short the battery:
   - Do not touch the terminals with any conductive material.
   - Avoid storing battery in a container with other metal objects such as nails, coins, etc. (3) Do not expose battery to water or rain.

A battery short can cause a large current flow, overheating, possible burns and even a breakdown.

6. Do not store and use the tool and battery in locations where the temperature may reach or exceed 50 °C (122 °F).

7. Do not incinerate the battery even if it is severely damaged or is completely worn out. The battery can explode in a fire.

8. Do not nail, cut, crush, throw, drop the battery, or hit against a hard object to the battery. Such conduct may result in a fire, excessive heat, or explosion.

9. Do not use a damaged battery.

10. The contained lithium-ion batteries are subject to the Dangerous Goods Legislation requirements.

For commercial transports e.g. by third parties, forwarding agents, special requirement on packaging and labeling must be observed. For preparation of the item being shipped, consulting an expert for hazardous material is required. Please also observe possibly more detailed national regulations. Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging.

11. When disposing the battery, remove it from the tool and dispose of it in a safe place. Follow your local regulations relating to disposal of battery.

⚠ CAUTION

Only use specific batteries. Use of non-specific batteries, or batteries that have been altered, may result in the battery bursting causing fires, personal injury and damage. It will also void the warranty for the tool and charger.

TIPS FOR MAINTAINING MAXIMUM BATTERY LIFE

1. Charge the battery before completely discharged. Always stop tool operation and charge the battery when you notice less tool power.

2. Never recharge a fully charged battery. Overcharging shortens the battery service life.

3. Charge the battery with room temperature at 10°C-40°C(50°F-104°F). Let a hot battery cool down before charging it.

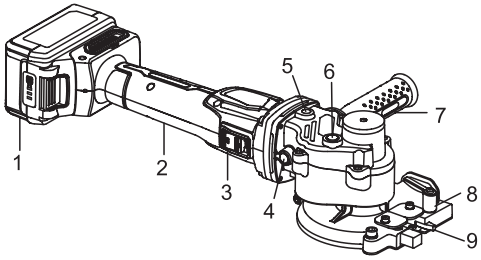
4. When not using the battery, remove it from the tool or the charger.

5. Charge the battery if you do not use it for a long period (more than six months).

IV. SPECIFICATIONS AND MODELS

Model No.	GC2078
Max. Cutting Capacity	30 mm
Dimension (L x W x H)	475 x 160 x 107 mm
Weight	3.8kg
No Load Speed	2000r/min
Diameter of Blade	Ø 127
Battery	18V 5Ah
Charger Power Supply	AC 100 - 240V / 50 - 60Hz
Charging Time	90 min

V. COMPONENT NAMES

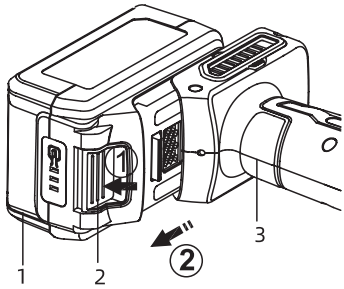


1 Battery
2 Housing
3 Switch
4 Side Handle Threaded Hole
5 Side Handle Threaded Hole
6 Lock Button
7 Handle
8 Adjustable Small Handle
9 Stopper

1. INSTALLING OR REMOVING BATTERY

⚠ CAUTION

- Always be sure that the tool is switched off and the battery is removed before adjusting or checking function on the tool.
- Always switch off the tool before installing or removing of the battery.
- Hold the tool and the battery firmly when installing or removing battery. Failure to hold the tool and the battery firmly may cause them to slip off your hands and result in damage to the tool and battery and a personal injury.



1 Battery
2 Press Button
3 Housing

1. To remove the battery, slide it from the tool while pressing the button on the front of the battery.

2. To install the battery, align the tongue on the battery 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. If the battery can be easily pulled out without pressing the button after it is inserted, it means that the battery pack is not completely locked.

CAUTION

- Always install the battery fully until until it cannot be pulled out without pressing the button. If not, it may accidentally fall out of the tool, causing injury to you or someone around you.
- Do not install the battery forcibly. If the battery does not slide in easily, it is not being inserted correctly.

TOOL / BATTERY PROTECTION SYSTEM

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

OVERLOAD PROTECTION

This protection works when the tool is operated in a manner that causes it to draw an abnormally high current. In this situation, turn the tool off and stop the application that caused the tool to become overloaded. Then turn the tool on to restart.

OVERDISCHARGE PROTECTION

This protection works when the remaining battery capacity gets low. In this situation, remove the battery from the tool and charge the battery.

VI. OPERATING PROCEDURE

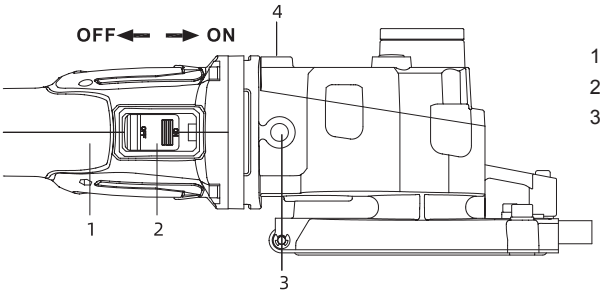
1. OPERATING

WARNING

Before the battery is inserted into the tool, ensure that the Switch is at the «OFF» position and the Switch is off.

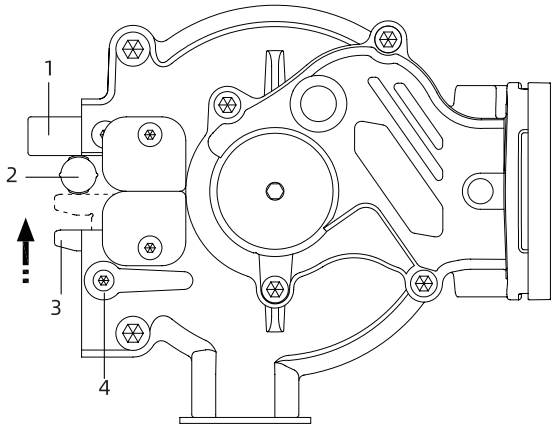
CAUTION

- Press the locked button and ensure that the button will rise when released. If the button doesn›t rise when it is released, the saw blade can›t rotate when operating the tool, resulting in parts damage and motor burn-out.
- Slide the switch to the «ON» position and make sure that the switch stays still. Then, press the back of the switch to ensure that the switch automatically moves to the «OFF» position.
- Ensure that all bolts are firmly fixed.

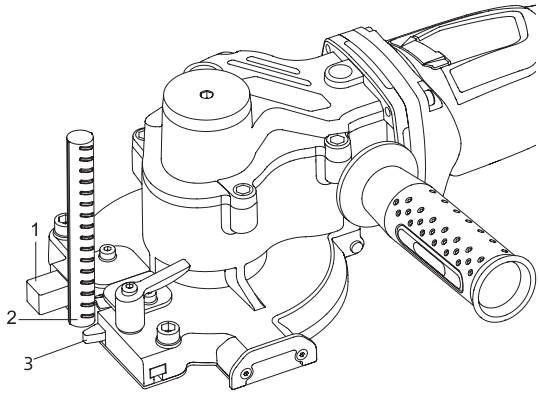


1 Housing
2 Switch
3 Side Handle Threaded Hole

1. Screw the Handle into threaded hole at the vertical or parallel position for easier operation.



1 Guide
2 Rebar
3 Stopper
4 Adjustable Small Handle



1 Guide
2 Rebar
3 Stopper

2. Ensure that the Switch is at "OFF" position

CAUTION

• As a safety function of this tool, the Motor cannot be energised when the battery is inserted with the Switch at "ON" position. For further safety, please note that the battery should be inserted with the Switch at "OFF" position.

3. Insert the battery into the tool.

4. Slide the Switch to «ON» position. The motor is on. Then push down on the forward end of the Switch to lock it for operating continuously.

WARNING

Do not touch the rotating parts as they can cause serious injury.

5. Position the Guide in the opening against the rebar. Then push the tool forward slowly to start to cut the rebar.

CAUTION

• When cutting, both at the beginning and near the end, slow down the tool›s forward (cutting) movement. A fast cutting action, at these times, will damage the saw blade and can cause injury from flying debris.

• Hold the tool firmly so that it does not shake when cutting. Cutting with the tool shaking will shorten the life of the saw blade and damage the blades.

• Position the tool so it is at 90 degrees to rebar to be cut. If the tool is not at 90 degrees to the rebar, it can cause shaking and overload the tool.

• Do not start cutting immediately after the motor is switched on. Allow the saw blade to reach full speed before beginning to cut.

• Do not remove the battery when the motor is switched on. Doing so can cause damage to the motor›s electronics.

CAUTION

This tool is used for cutting steel bars. If you want to cut other materials, please contact the manufacturer or local distributor. Cutting other materials will damage the saw blade.

6. After finishing the cut, push down on the rear end of the Switch which will cause the Switch to move to the "OFF" position and turn off the motor.

2. CAUTION WHEN CUTTING

1. Ensure that the saw blade is well away from the material to be cut before switching on.

2. Slow down the forward (cutting) movement of the tool when approaching the end of the cut. This is especially important when the piece to be cut is less than 50 mm in length. The piece cut off can strike the saw blades, damaging them and cause serious injury.

3. When the saw blades become blunt or chipped. replace the blade. Continuing to use it in this condition will overload the tool.

4. If the material moves or shakes, when being cut, stop the operation and properly secure the material.

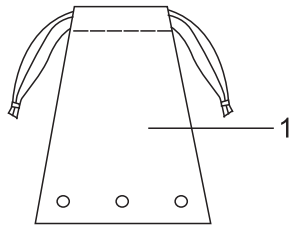
5. Do not hold by hand the material to be cut. Doing so may result in personal injury. 6.Do not cut rebar that in size or hardness exceeds the cutting capacity of the tool.

3. REPLACE THE SAW BLADE WHEN ANY OF THE BELOW OCCURS

1. The saw blades are chipped or worn.
2. The cutting speed is very slow.
3. The surface of the cut piece is discolored by heat.

NOTE: Saw blades cannot be resharpened.

4. HOW TO FIT THE DUST BAG



1 Dust Bag

1.Place the open end of the Dust Bag over the Dust Bag Holder and secure in place with the draw strings.

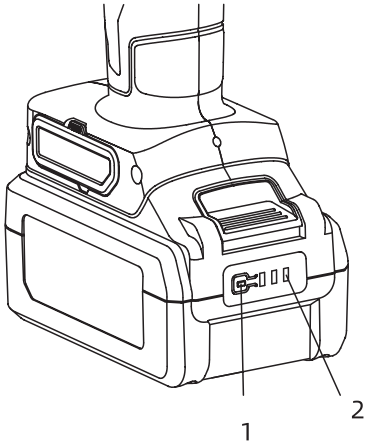
2.Give the bag a sharp tug to ensure it is properly secured.

3.After cutting, clean the debris in the dust bag.

⚠ CAUTION

The Dust Bag is made from nonflammable material but very hot debris, such as that produced when cutting with a worn saw blade, can melt the material. Be aware of this possibility when using the Dust Bag.

5. BATTERY INDICATOR FUNCTION



1 Button
2 Battery Indicator

When you turn the tool on, the battery indicator shows the remaining battery capacity. (see table 1)

TABLE 1

Battery Indicator Status ■:ON □:OFF	Remaining Battey Capacity
■■■	60% - 100%
■■□	20% - 60%
■□□	0% - 20%
■□□ ■■□ ■■■	Battery is Charging

6.TOOL / BATTERY PROTECTION FUNCTION

The tool will automatically stop during operation if the tool or battery is placed under one of the following conditions:

- The tool is overloaded.
  When the tool is overloaded, if the tool is overloaded during cutting, it will automatically stop running and give an alarm. In this case, please turn off the tool and remove the cause of overload.

- When the tool overheats. If the tool is repeatedly operated under these conditions, the protection system will lock the tool.

OVERLOAD PROTECTION

If the tool is overloaded during cutting, it will automatically stop. In this situation, turn the tool off and remove the cause of the overload then restart the tool.

BATTERY PROTECTION

- When the battery voltage is too low, the tool will be locked and an alarm will be given.
- When the battery voltage is too high, the tool will be locked and an alarm will be given.
- When the ambient temperature of the battery is too low, the tool will be locked and an alarm will be given.

OVERHEAT PROTECTION FOR TOOL

- When the tool is overheated, the tool stops automatically and an alarm will be given.

In this situation, let the tool cool before turning the tool on again.

TOOL OPEN-PHASE PROTECTION

- When the tool connector drops or the connector is loose, the tool will automatically stop running and give an alarm.

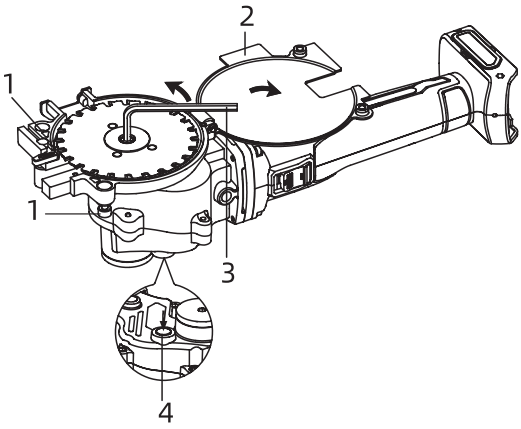
In this case, please reinstall the connecting wire or fasten the connector.

VII.SAW BLADE REPLACEMENT PROCEDURE

WARNING

Turn off the tool and remove the battery before replacing the saw blade to prevent serious personal injury caused by accidental operation.

1.REMOVE THE SAW BLADE

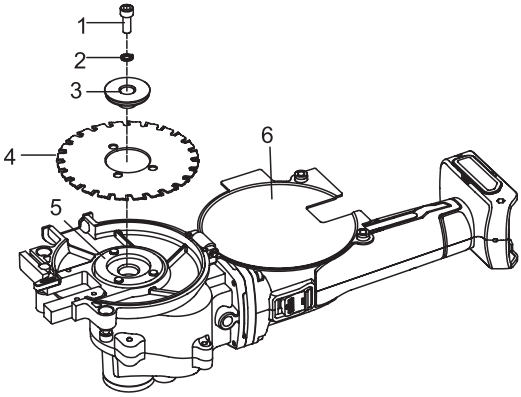


1 Anti-dropping Screw
2 Saw Blade Cover
3 Hex Key
4 Lock Button

1. Loose the two anti-dropping screw with hex key.
2. Open the saw blade cover.
3. Press the lock button.
4. Insert a hex key into the fixing screw of the saw blade guide.
5. Press the lock button and use the hex key as the handle to rotate the saw blade until the gear lock button is stuck in the anti-rotation groove, which prevents it from continuing to rotate.

CAUTION

Ensure that the Lock Button is completely pushed in. If not, the hex key can rotate and may cause personal injury.



1 Hex Screw
2 Washer
3 Saw Blade Guide
4 Saw Blade
5 Spindle
6 Saw Blade Cover

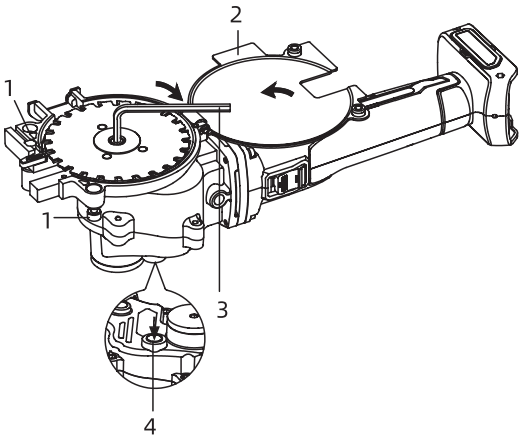
6. With the saw blade locked, turn the hex key counterclockwise to loosen and remove the bolt and washer.
7. Remove the saw blade Guide and the saw blade.

2. HOW TO REPLACE THE SAW BLADE

CAUTION

• Use only specific saw blade. If reusing a saw blade, ensure it is not worn, chipped or damaged.

• Clean and remove all debris and dirt from the saw blade and parts.
Debris and dirt can unbalance the saw blade making it wobble during cutting.



1 Anti-dropping Screw
2 Saw Blade Cover
3 Hex Key
4 Lock Button

1. Mount the saw blade on the spindle and ensure that the saw blade is aligned with the three locating pins on the spindle.
2. Install the saw blade guide.
3. Install the washer and screws.
4. Press the lock button completely to prevent the saw blade from rotating and tighten the screw with a hex key.

⚠ CAUTION

Ensure that the Lock Button is completely pushed in. If not, the hex key can rotate and may cause personal injury.

5. Close the saw blade cover.
6. Insert the anti-dropping screws (2 pieces) with a hex key and tighten the screws.

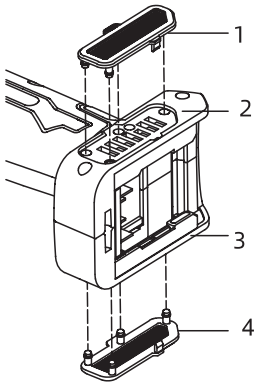
VIII. MAINTENANCE

⚠ CAUTION

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

NOTICE

Never use gasoline, benzine, thinner, alcohol or the like, which may lead to discoloration, deformation or cracks.



1 Dust Cover Upper
2 Upper Housing
3 Lower Housing
4 Dual Cover Lower

Remove the air intake filter from the vent and clean it to allow smooth air circulation.

CAUTION

Clean the Dust Cover when it becomes clogged. Continuing operation with a clogged dust cover may damage the tool.

Check whether all fixing screws of the tool are tightened.

CAUTION

Tighten the screws when they are loose. If you continue to run the tool when the screw is loose, the tool will be damaged.

Check whether the parts are missing or redundant.

CAUTION

Parts are missing or redundant. If you continue to run the tool while the part is missing or redundant, it will cause the tool to be damaged.

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