GAZELLE®

GC2032

Cordless Brushless Impact Driver
User Manual

- Pictures of battery packs with different configurations vary in the illustration.

EN

Read through carefully and understand these instructions before use.

GENERAL POWER TOOL SAFETY WARNINGS

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

1) Work area safety

a) **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*

b) **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.*

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

2) Electrical safety

a) **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.*

b) **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.*

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

d) **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.*

e) **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.*

f) **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.*

3) Personal safety

a) **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.*

b) **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.*

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

d) **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.*

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

f) **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.*

g) **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.*

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

4) Power tool use and care

a) **Do not force the power tool. Use the correct power tool for your application.** *The correct power tool will do the job better and safer at the rate for which it was designed.*

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

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

d) **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.

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

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

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

h) **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.*

5) Battery tool use and care

a) **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.*

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

c) **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.*

d) **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.*

e) **Do not use a battery pack or tool that is damaged or modified.** *Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.*

f) **Do not expose a battery pack or tool to fire or excessive temperature.** *Exposure to fire or temperature above 130 °C may cause explosion.*
NOTE The temperature „130 °C" can be replaced by the temperature „265 °F".

g) **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** *Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.*

6) Service

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

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

Battery safety warning

a) Do not dismantle, open or shred secondary cells or batteries.

b) Keep batteries out of the reach of children
Battery usage by children should be supervised.
Especially keep small batteries out of reach of small children.

c) Do not expose cells or batteries to heat or fire. Avoid storage in direct sunlight.

d) Do not short-circuit a cell or a battery. Do not store cells or batteries haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects.

e) Do not subject cells or batteries to mechanical shock.

f) In the event of a cell leaking, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.

g) Do not use any charger other than that specifically provided for use with the equipment.

h) Do not use any cell or battery which is not designed for use with the equipment.

i) Do not mix cells of different manufacture, capacity, size or type within a device.

j) Always purchase the battery recommended by the device manufacturer for the equipment.

k) Keep cells and batteries clean and dry.

l) Wipe the cell or battery terminals with a clean dry cloth if they become dirty.

m) Secondary cells and batteries need to be charged before use. Always use the correct charger and refer to the manufacturer's instructions or equipment manual for proper charging instructions.

n) Do not leave a battery on prolonged charge when not in use.

o) After extended periods of storage, it may be necessary to charge and discharge the cells or batteries several times to obtain maximum performance.

p) Retain the original product literature for future reference.

q) Use the cell or battery only in the application for which it was intended.

r) When possible, remove the battery from the equipment when not in use.

s) Keep the cell or battery away from microwaves and high pressure.

t) Dispose of properly.

Symbol


WARNING


To reduce the risk of injury, user must read instruction manual


Do not burn


Do not charge a damaged battery pack


Li-Ion


Do not dispose of batteries.
Return exhausted batteries to your local collection or recycling point.

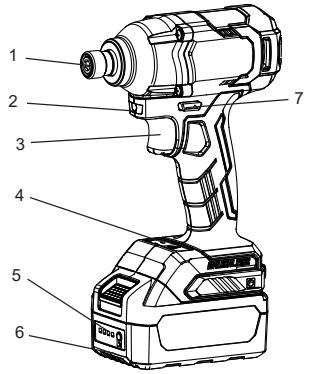
Technical Data

●Driving in and loosening screws in wood, metal and plastic.
●Drilling in wood, metal and plastic.

Model		GC2032
Power		20 V⎓
Max. Clamping Capacity		6.35 mm Hex
Max. Screw Diam.		14 mm
Battery	Type	Li-Ion
No-Load Speed		0-1100/0-2000 /min
Rated Impacting Frequency		0-1700/0-3000 /min
Max. Torque	Step L	90 N·m
	Step H/ Smart-loosen Step	180 N·m
Net Weight (without battery)		1.1 kg

※Due to the continuing program of research and development, the specifications herein are subject to change without prior notice.

GENERAL DESCRIPTIONS



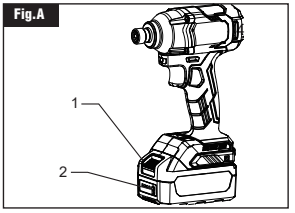
1. Locking Cover
2. Work Light
3. Switch Trigger
4. Torque Setting Panel
5. Battery Indicator Light
6. Battery
7. Reversing Switch Lever

INSTRUCTIONS FOR OPERATION

Installing or Removing Battery
CAUTION:

●Only use designated battery. Using other manufacturer's battery may cause injury and loss of property because of explosion.
●Do not remove the battery forcibly.
●Please set the reversing switch lever to the center position, avoid triggering switch to cause danger when installing and removing battery.
To install the battery firmly, insert it properly all the way until it locks in place with a little click. If not, it may accidentally fall out of the tool, causing injury to you or someone around you. Avoid overexerting or hammering the battery into the motor housing with the help of other objects. (Fig. A)

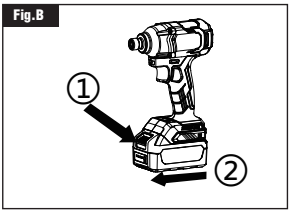
Fig.A



1.Battery pack button
2.Battery pack

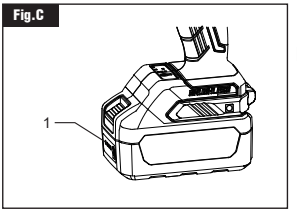
To remove the battery, press the unlocking buttons on both sides of the battery and pull out the battery according to the direction of arrow. (Fig. B)

Fig.B



Power Indicator Light
When the power button or the startup tool is pressed, the power indicator will display the battery pack's power, which can be indicated by the status of four red LED lights (hereinafter referred to as red lights).(Fig. C)

Fig.C

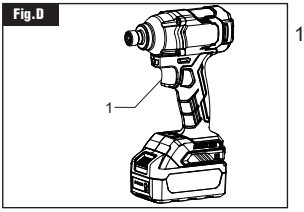


1.Power Indicator Light

Switch Action
CAUTION :

●Before inserting the battery into the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.
●Never operating in a low rotation speed for long time, otherwise it will cause overheat inside the machine.
To start the tool, simply pull the switch trigger and keep it pressed. Tool speed can be variably adjusted depending on how far the switch trigger is pressed. Release the switch trigger to switch off the tool. (Fig. D)

Fig.D



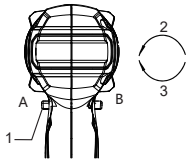
1.Switch Trigger

Reversing Switch Action
CAUTION :

●Always check the direction of rotation before operation.
●Operate the reversing switch only after the tool comes to a complete stop. Changing the direction of rotation before the tool stops may damage the tool.
●When not operating the tool, always set the reversing switch lever to the center position.
●Never force to pull the switch trigger while the reversing switch lever is set at the center position.

■Right/Clockwise Rotation
Depress the reversing switch lever from side B to side A for clockwise rotation for drilling and driving in screws (view forwards).(Fig. E).
■Left/Counterclockwise Rotation
Depress the reversing switch lever from side A to side B for counterclockwise rotation for loosening or unscrewing screws.(Fig. E)

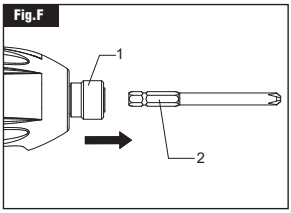
Fig.E



1.Reversing Switch lever
2.Counterclockwise
3.Clockwise

Installing or Removing Tools
The tool here includes driver bit, drill bit, etc, which differs from the concept of power tools or machines.
CAUTION:
●Before operation, the reversing lever must be centrally positioned and the battery pack removed. Never press the switch button.
●After loading the tool, pull and push the tool by hand along the direction of the arrow to make sure the tool is fixed to the machine.
To install the bit, pull the locking cover along the arrow direction and insert the bit to the inner most of the sleeve, then loosen the sleeve to fix the bit.(Fig. F)

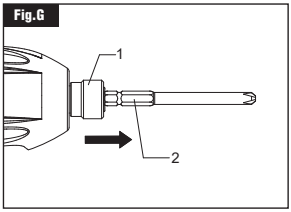
Fig.F



1.Locking Cover
2.Tool

To remove the bit, pull the locking cover and pull out the bit along the arrow direction. (Fig.G)

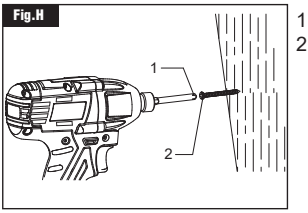
Fig.G



1.Locking Cover
2.Tool

Tightening and Moving Screw
CAUTION:
●When tightening or removing screws(nuts), the power tool should be turned off before placing the tool on the screws(nuts). If the tool does not stop, continue to turn, the sleeve can easily slip away from the nut or bolt head.
●Make sure the dirver bit is inserted vertically into the screw head, otherwise the screw head or batch head may be damaged.
Tightening the Screw
Put the Point of driver bit on the screw head and apply appropriate pressure to the machine, slowly start the machine, then gradually increase the speed. Release the switch button as soon as the screw hits the bottom. (Fig. H)

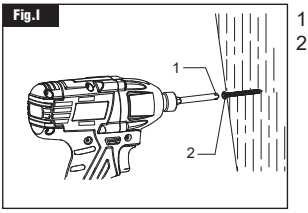
Fig.H



1.Point of driver bit
2.Screw Head

Moving the Screw
CAUTION:
When removing the screw, the positive and negative turning slider is in the reverse position. Make sure the batch head is inserted vertically into the screw head, otherwise the screw head or batch head may be damaged.
Place the tip of th driver bit on the screw head and apply appropriate pressure to the machine. Start the machine slowly, then gradually provide revs.Release the switch button as soon as the screw is removed. (Fig. I)

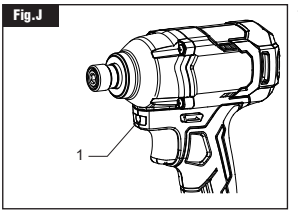
Fig.I



1.Point of driver bit
2.Screw Head

Work Light
The white LED work light will be lit after pulling the switch trigger for illumination of the work area under unfavorable lighting conditions. (Fig. J)

Fig.J

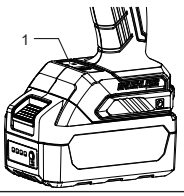


1.Led Light

Continuous Use
If the tool is operated continuously until the battery cartridge has discharged, allow the tool to rest for 15minutes before proceeding with a fresh battery.

Torque Adjustment Operation
CAUTION:
●Choose 3 different gear based on different workplaces.
The torque adjustment can be adjusted in 3 steps. According to the requirement of different workplaces, Press the button on the panel to set the torque among step L, H and Smart-loosen.(Fig. K)

Fig.K



1.Torque Setting Panel

Smart-loosen Step: Under this special smart-loosen step, to loosen the screw, simply set the reversing switch lever to counterclockwise position.Once the screw is loosened, the tool will stop immediately, even if the switch trigger is not released. This gear can be uesd to loosen but not completely remove the screw. When set the reversing switch lever to clockwise position, the function is the same as H step.
L Step: Press the switch trigger, and the tool runs continuously at a low speed. The maximum torque is 90 N•m.
H Step: Press the switch trigger, and the tool runs continuously at a high speed. The maximum torque is 180 N•m.

MAINTENANCE AND INSPECTION

Cleaning Ventilation Slots
The vents of the machine must be kept clean, it should be cleaned regularly or at any time when blockage occurs
Inspecting the Mounting Screws
Always check whether the mounting screw is tight, if the screw is found loose, it should be tightened again immediately to avoid accidents.
Cleaning
Do not use liquid such as water or chemical cleaner to clean the machine, Just wipe it clean with a dry cloth.

*To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by authorized service centers, always using original replacement parts.

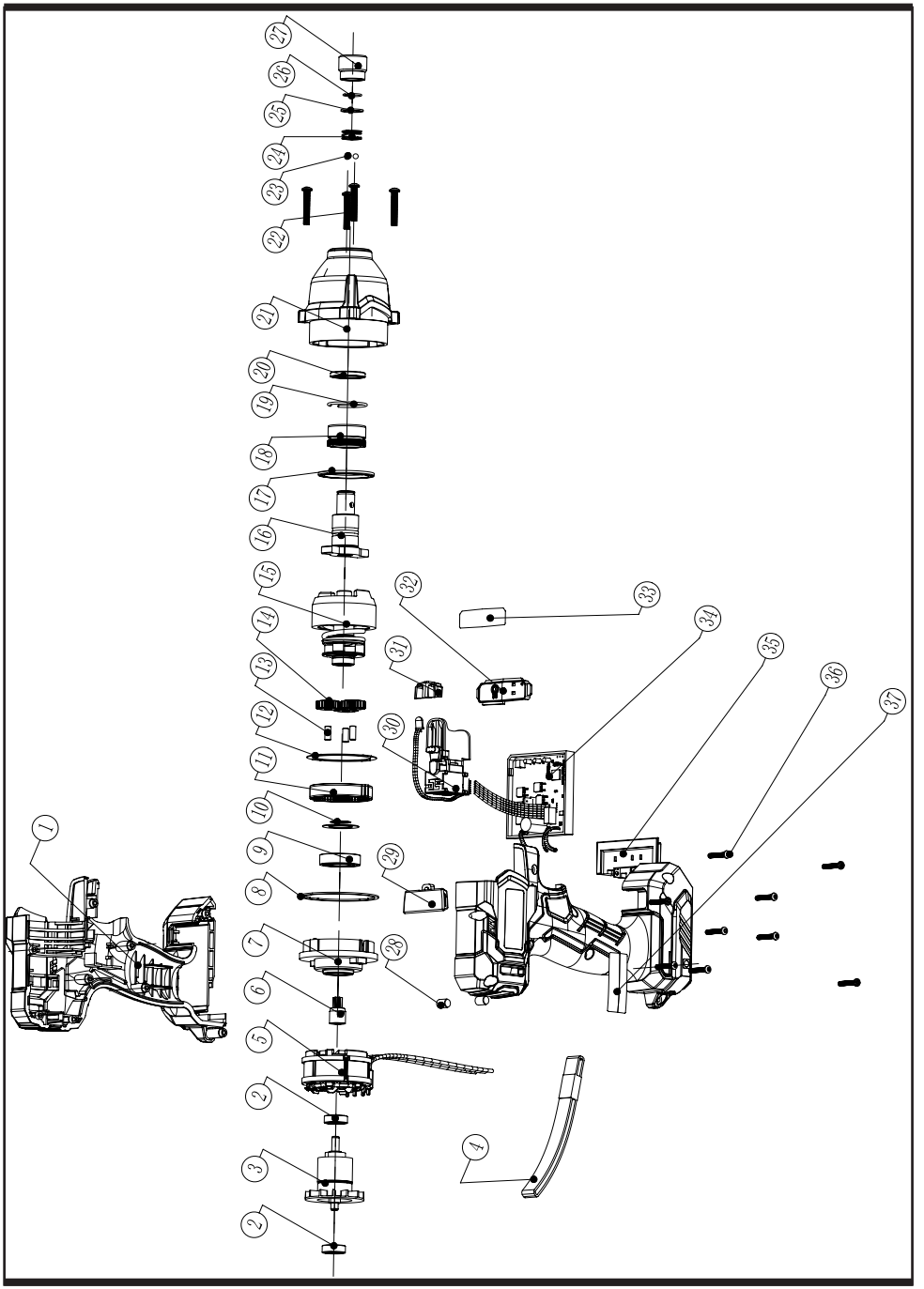
For battery tools:
Ambient temperature range during operation and storage: 0℃ - 45℃
Recommended ambient temperature range during charging: 5℃ - 40℃

	Charger	Battery pack
Model	GC1000 GC1001	GC1020 GC1040 GC1050

*The battery packs of our company are constantly updated, please look forward to our service and latest news!

EXPLANATION OF GENERAL VIEW

1	Motor Housing	28	Rubber Pin
2	Deep Groove Ball Bearing	29	Reversing Switch Lever
3	Armature	30	Signal Switch
4	Buckle	31	LED Shade
5	Stator	32	Torque Setting Panel
6	Driving Gear	33	Torque Presetting label
7	Rear Gear Housing	34	Control Panel Assembly
8	Gasket	35	Battery Socket
9	Deep Groove Ball Bearing	36	Pan Head Tapping Screw
10	Washer	37	Nameplate
11	Inner Gear		
12	Washer		
13	Satellite Gear Pin		
14	Planet Gear		
15	Hammer Assembly		
16	Drive Spindle		
17	Washer		
18	Spindle Sleeve		
19	Spindle Sleeve Ring		
20	Oil Seal		
21	Bearing Box		
22	Pan Head Tapping Screw		
23	Steel Ball		
24	Compression Spring		
25	Washer		
26	Circlip for Shaft		
27	Locking Cover		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