

GAZELLE[®]

GD1010

Electric Drill
User Manual



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) 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.

Drill safety warnings

1) Safety instructions for all operations

- a) **Hold the power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring**

or its own cord. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

2) Safety instructions when using long drill bits

- a) **Never operate at higher speed than the maximum speed rating of the drill bit.** At higher speeds, the bit is likely to rotate freely without contacting the workpiece, resulting in personal injury.
- b) **Always start drilling at low speed and with the bit tip in contact with the workpiece.** At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting in personal injury.
- c) **Apply pressure only in direct line with the bit and do not apply excessive pressure.** Bits can bend causing breakage or loss of control, resulting in personal injury.

Symbol



WARNING



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



Always Wear eye protection



Class II tool

Technical Data

This product is a hand-held electric drill powered by single phase series motor.

This product is suitable for drilling on steel, plastic, and wood or similar materials under general environmental conditions.

The performance and specifications of this product are shown in the table below:

Model		GD1010
Rated Power Input		460W
No-load Speed		0-3200/min
Max. Drilling Capacity	Steel	Ø10mm
	Wood	Ø25mm
Net Weight		1.3kg

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

INSTRUCTIONS FOR OPERATION

• Switch Operation

To start the tool, simply pull the switch trigger. Tool speed is increased by increasing pressure on the switch trigger. For continuous operation, press the trigger switch and then push in the lock button. To stop the tool from the locked position, pull the trigger fully then release it.

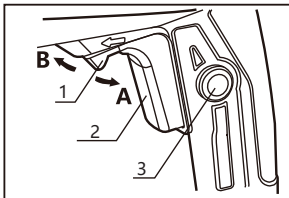
*CAUTION:

Before plugging in the tool, always check to see that the switch trigger actuates properly and returns to the “OFF” position when released.

The rotational direction can be controlled by pulling the reversing bar above the trigger switch. The tool will rotate clockwise by pulling the reversing bar to the “A” position, and counter-clockwise by pulling it to the “B” position.

*CAUTION:

Always check the direction of rotation before operation. Changing the direction of rotation only after the tool comes to a complete stop, otherwise it may damage the tool.



1. Reversing Bar
2. Switch Trigger
3. Lock Button

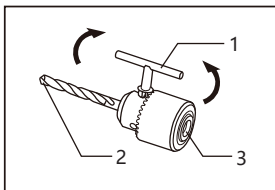
• Installing or Removing the Drill Bit

***CAUTION: Always be sure that the tool is switched off and unplugged before installing or removing the bit.**

1. Key Chuck Type (DJZ10-10/AJZ10-10/KJZ10-10)

To install the drill bit, loosen the drill chuck and insert the drill bit in the chuck as far as it will go. Tighten the chuck by hand. Place the chuck wrench in each of the three holes and tighten clockwise. Be sure to tighten all three chuck holes evenly.

To remove the drill bit, turn the chuck key counterclockwise in just one hole, then loosen the chuck counter-clockwise by hand.

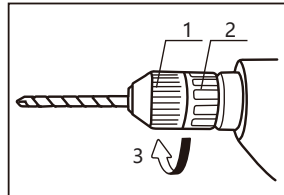


1. Drill Chuck Key
2. Drill Bit
3. Drill Chuck

2. Keyless Drill Chuck (DJZ10-10K/AJZ10-10K/KJZ10-10K)

Insert the drill bit in the chuck as far as it will go. Then hold the locking ring and tighten the locking sleeve clockwise. In this case, the drill bit is tightened.

To remove the drill bit, turn the locking sleeve anticlockwise.



1. Locking Sleeve
2. Locking Ring
3. Tighten

• Holding the Tool

Hold only the tool handle during the operation.

• Drilling Operation

When drilling in wood, the best results are obtained with wood drills equipped with a guide screw. The guide screw makes drilling easier by pulling the bit into the workpiece. When drilling in metal, to prevent the bit from slipping when starting a hole, make an indentation with a center-punch and hammer at the point to be drilled. Place the tip of the bit in the indentation and start drilling. Use a cutting lubricant when drilling metals. The exceptions are iron and brass which should be drilled dry.

*CAUTIONS:

- Pressing excessively on the tool will not speed up the drilling. In fact, this excessive pressure will only serve to damage the tip of your bit, decrease the tool performance and shorten the service life of the tool.
- There is a tremendous force exerted on the tool/bit at the time of hole break through. Hold the tool firmly and take extra care when the bit begins to break through the workpiece.
- Always secure small workpieces in a vise or similar hold-down device.
- Avoid drilling in material that you suspect contains hidden nails or other things that may cause the bit to bind or break.

• Belt Buckle

If necessary, switch off the tool and hang it at your side with the belt buckle to climb easily.



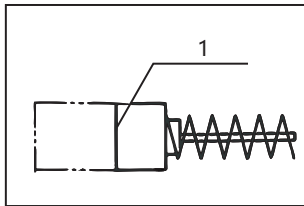
MAINTENANCE AND CARE

*CAUTION:

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

● Replace the Carbon Brushes

Remove and check the carbon brushes regularly. Both carbon brushes should be replaced at the same time.



1.Limited Mark

Use only identical carbon brushes.

Remove the handle cover by loosening the screws on it with a screwdriver. Remove the worn out carbon brushes and replace new ones. Replace the brush holders and connect them with the stator, then reinstall the handle cover by tightening the screws.

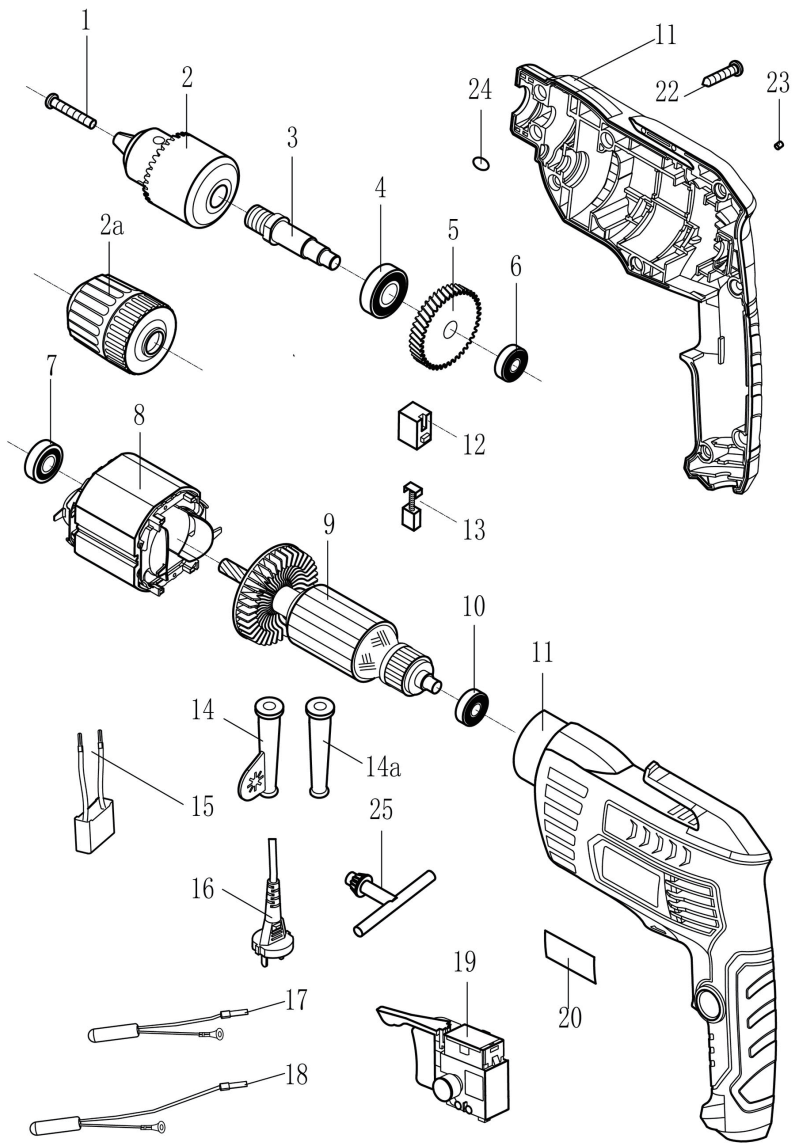
● Maintenance of the Motor

The motor unit winding is the very "heart" of the power tool. Exercise due care to ensure the winding does not become damaged and /or wet with oil or water.

※ If the replacement of the supply cord is necessary, this has to be done by the manufacturer or his agent in order to avoid a safety hazard.

EXPLANATION OF GENERAL VIEW

1	Pan Head Screw	19	Switch
2	Drill Chuck Assembly	20	Nameplate
2a	Keyless Drill Chuck	22	Pan Head Tapping Screw ST4.2×15
3	Drive Spindle	23	Rubber Pin
4	Ball Bearing	24	O Ring
5	Big Gear	25	Chuck Wrench
6	Ball Bearing		
7	Ball Bearing		
8	Stator		
9	Armature Assembly		
10	Ball Bearing		
11	Motor Housing Assembly		
12	Carbon Brush Holder		
13	Carbon Brush		
14	Cord Guard		
14a	Cord Guard		
15	Capacitor 0.33μF		
16	Cord		
17	Inductance Assembly 2		
18	Inductance Assembly 1		



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