

MAINTENANCE

- When not in use, the drill should be stored in a dry, frost free location, keep out of children's reach.
- Keep ventilation slots of the drill clean at all times and prevent anything from entering.
- If the housing of the drill requires cleaning, do not use solvents. Use of a cloth only is recommended.
- Blow out the ventilation slots with compressed air periodically .

Note: Ozito Industries will not be responsible for any damage or injuries caused by repair of the drill by an unauthorised person or by mishandling.

DESCRIPTION OF SYMBOLS

V	Volts	Hz	Hertz
ac/~	Alternating current	W	Watts
dc/—	Direct current	\varnothing	Diameter
mA	Milliamperes	Ah	Amp hour
Nm	Newton Meters	No	No load speed
/min	Revolutions or reciprocation per minute		
	Warning		Read instruction manual
	Double insulated		Indoor use only
	Thermal cut-out protection		Polarity
	Lithium Ion battery		Do not use or store battery in temperatures exceeding 50°C
	Recycle battery		Do not put in the rubbish
	Do not incinerate		Do not get battery wet

SPARE PARTS

Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse or Homebase store.

For further information, or any parts visit

www.ozito-diy.co.uk or contact Ozito Customer Service:

Great Britain: 0151 294 4488

Ireland: 1850 882711

E-mail: info@ozito-diy.co.uk

TROUBLESHOOTING

LED lights do not illuminate on charger

Check the charging adaptor is securely plugged into the wall outlet.

Check the battery is firmly connected to the charging cradle.

Check that the charging jack is securely connected to the charging cradle.

Variable speed trigger is locked

Ensure that the forward / reverse lever is in the correct position; pressed left for forwards direction, pressed right for backwards direction. If it is in

between the two settings the variable speed trigger will be locked.

The drill is stripping the screw head

Ensure you are starting with a low torque setting and holding the drill

securely onto the screw head. Increase the torque setting as required.

Drill has cut out during use

The drill may have cut out due to excessive hand pressure. Reduce the

hand pressure applied while drilling.

The battery charge could be completely depleted. Place the battery on the

charging cradle for 1 hour.

Sparking visible through the housing air vents

A small amount of sparking may be visible through the housing vents.

This is normal and does not indicate a problem.

BATTERY AND CHARGER SAFETY WARNINGS

! THIS MANUAL CONTAINS IMPORTANT SAFETY AND OPERATING INSTRUCTIONS FOR YOUR BATTERY CHARGER.

- Before using the charger read all instructions and cautionary markings on the charger, battery pack and the product using the battery pack.
- This charger is not intended for any uses other than charging rechargeable batteries. Any other use may result in risk of fire, electric shock or electrocution.
- Do not place any object on top of the charger or place the charger on a soft surface that may result in excessive internal heat. Place the charger in a position away from any heat source.
- To reduce risk of damage to the electric plug and cord, pull by the plug rather than the cord when disconnecting the charger.
- Make sure the cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
- An extension cord should not be used unless absolutely necessary. Use of an improper extension cord could result in the risk of fire, electric shock or electrocution.
- Do not operate the charger if it has received a sharp blow, been dropped or otherwise damaged in any way. Have it checked by an electrician or power tool repairer.
- Do not disassemble charger. Take it to an electrician or power tool repairer when service or repair is required. Incorrect reassembly may result in a risk of electric shock, electrocution or fire.
- To reduce risk of electric shock, unplug the charger from the outlet before attempting any cleaning. Removing the battery pack will not reduce this risk.
- Never attempt to connect 2 chargers together.
- DO NOT store or use the tool and battery pack in locations where the temperature may reach or exceed 40°C (such as inside sheds or metal buildings in summer).
- The charger is designed to operate on standard household electrical power (240 volts). Do not attempt to use it on any other voltage!
- The battery pack is not fully charged out of the carton. First read the safety instructions and then follow the charging notes and procedures.
- The longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 18 - 24°C. Do not charge the battery pack in an air temperature below 10°C or above 40°C. This is important and will prevent damage to the battery pack.
- Do not incinerate the battery pack even if it is seriously damaged or is completely worn out. The battery can explode in a fire.
- Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks or cracks, immediately discontinue use and do not recharge.
- During charging, the battery must be placed in a well ventilated area.

ELECTRICAL SAFETY

! **WARNING!** When using mains-powered tools, basic safety precautions, including the following, should always be followed to reduce risk of fire, electric shock, personal injury and material damage. Read the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the tool. Save these instructions and other documents supplied with this tool for future reference. The manufacturer cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety information.

Before you connect the equipment to the mains supply make sure that the data on the rating plate are identical to the mains data.

This charger is double insulated therefore no earth wire is required.

GENERAL POWER TOOL SAFETY WARNINGS

! **WARNING!** "Read all safety warnings, instructions, illustrations and specifications provided with this power tool." Failure to follow the warnings and instructions 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.

- Work area safety**
 - Keep work area clean and well lit. Cluttered or dark areas invite accidents.
 - 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.
 - Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Electrical safety**
 - 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.
 - 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.
 - Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
 - 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.
 - 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.
 - 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**
 - 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.
 - Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
 - 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 emerging power tools that have the switch on invites accidents.
 - 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.
- Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- 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.
- Do not let family/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.
- Power tool use and care**
 - 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.
 - 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.
 - 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.
 - 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.
 - 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.
 - Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
 - 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.
 - 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.
- Service**
 - 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.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Note: Double insulation does not take the place of normal safety precautions when operating this tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

Using an Extension Lead

Always use an approved extension lead suitable for the power input of this tool. Before use, inspect the extension lead for signs of damage, wear and ageing. Replace the extension lead if damaged or defective. When using an extension lead on a reel, always unwind the lead completely. Use of an extension lead not suitable for the power input of the tool which is damaged or defective may result in a risk of fire and electric shock.

ozito

CORDLESS DRILL DRIVER

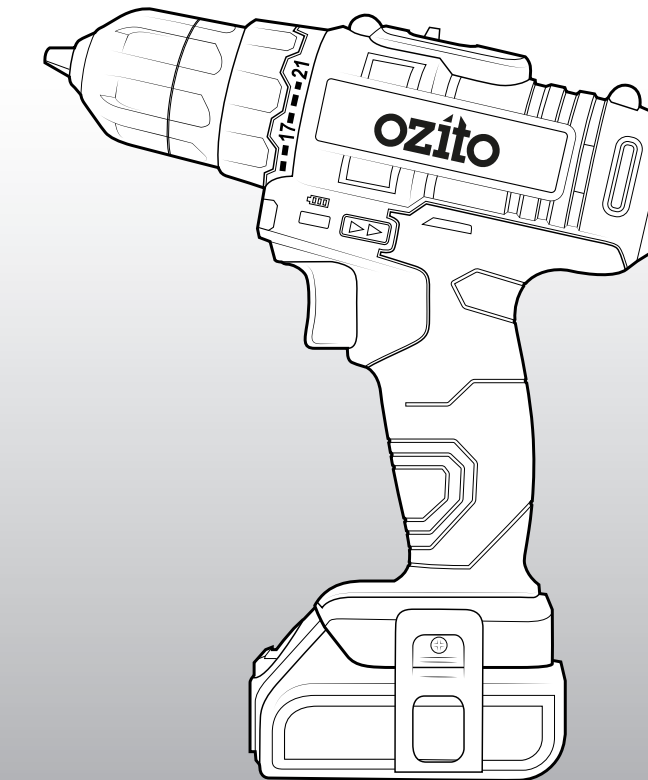
12V Lithium Ion

ORIGINAL INSTRUCTIONS SPECIFICATIONS

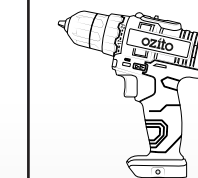
Input:	12V
Chuck Size:	10mm Keyless
No Load Speed:	0-400 / 0-1500/min
Torque Setting:	21
Max. Torque:	14Nm
Battery Power:	1.5Ah Lithium Ion
Charge time:	1Hr (Fast Charger)
Weight:	1.2kg

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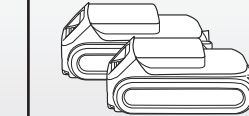
3 YEAR REPLACEMENT WARRANTY



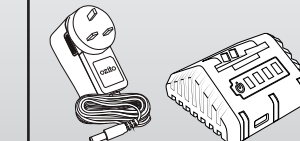
WHAT'S IN THE BOX



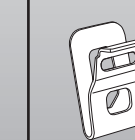
Cordless Drill Driver



12V Battery x 2



Charging Adaptor & Fast Charging Cradle



Belt Clip

LCD-2050U

WARRANTY

All of our products undergo strict quality checks to ensure that they reach you in perfect condition. In the unlikely event that your device develops a fault, please contact our service department at the address shown on this guarantee card. You can also contact us by telephone using the customer service number shown. Please note the following terms under which guarantee claims can be made:

1. These warranty terms regulate additional warranty services, which the manufacturer mentioned below promises to buyers of its new products in addition to their statutory guarantee claims are not affected by this guarantee. Our guarantee is free of charge to you.

2. The warranty services only covers defects due to material or manufacturing faults on a product which you have bought from the manufacturer mentioned below are limited to either the rectification of said defects on the product or the replacement of the product, whichever we prefer. Please note that our devices are not designed for use in commercial, trade or professional applications. A guarantee contract will not be created if the device has been used by commercial, trade or industrial business or has been exposed to similar stresses during the guarantee period.

3. The following are not covered by our guarantee:
- Damage to the device caused by a failure to follow the assembly instructions or due to incorrect installation, a failure to follow the operating instructions (for example connecting it to an incorrect mains voltage or current type) or a failure to follow the maintenance and safety instructions or by exposing the device to abnormal environmental conditions or by lack of care and maintenance.
- Damage to the device caused by abuse or incorrect use (for example overloading the device or the use of unapproved tools or accessories), ingress of foreign bodies into the device (such as sand, stones or dust, transport damage), the use of force or damage caused by external forces (for example by dropping it).

- Damage to the device or parts of the device caused by normal or natural wear or tear or by normal use of the device.

4. Your Product is guaranteed for a period of 36 months from the original date of purchase and is intended for DIY (Do It Yourself) use only. Lithium Ion batteries and chargers are covered by a 12 month warranty. Warranty excludes consumable parts. Guarantee claims should be submitted before the end of the guarantee period within two weeks of the defect being noticed. No guarantee claims will be accepted after the end of the guarantee period. The original guarantee period remains applicable to the device even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the guarantee period, and no new guarantee will become active for the work performed or parts fitted. This also applies if an on-site service is used.

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO THE PLACE OF PURCHASE WITH YOUR REGISTER RECEIPT.

Please refer to the restrictions of this warranty concerning wearing parts, consumables and missing parts as set out in the service information in these operating instructions.

CUSTOMER SERVICE HELPLINE
GB: 0151 294 4488
IRL: 1850 882711
Ozito-diy.co.uk

DRILL DRIVER SAFETY WARNINGS

! **WARNING!** Wear ear protectors when impact drilling Exposure to noise can cause hearing loss.

Use auxiliary handle(s), if supplied with the tool. Loss of control can cause personal injury.

Hold 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.

Before drilling into walls, ceilings etc, ensure that there are no concealed power cables or pipes in the cavity.

! **WARNING!** Some dust created by power sanding, sawing, grinding, drilling and other construction activities contain chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

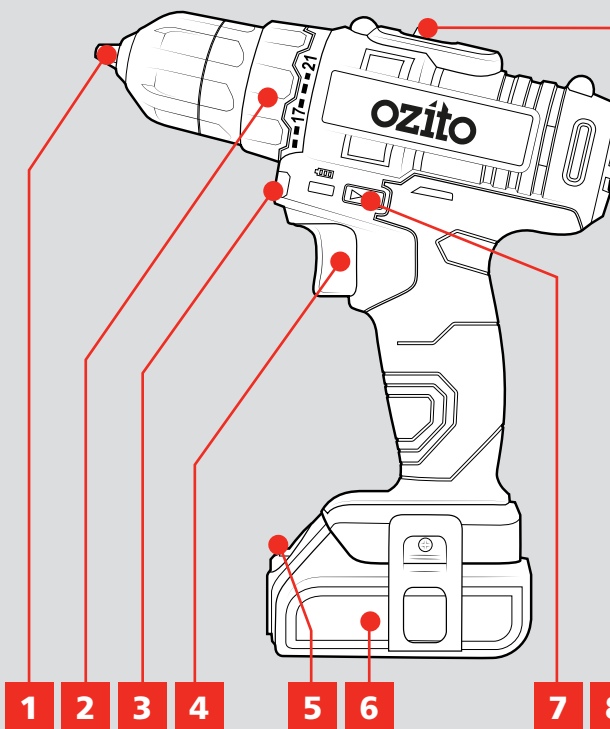
- Lead from lead-based paints
- Crystalline silica from bricks and cement and other masonry products
- Arsenic and chromium from chemically treated timber

Your risk from exposure to these chemicals varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

KNOW YOUR PRODUCT

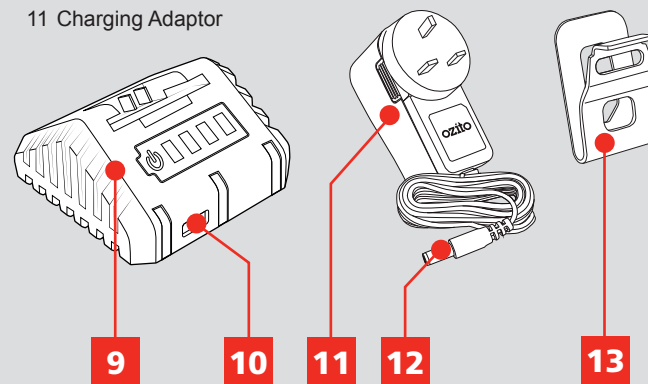
CORDLESS DRILL DRIVER

- 1 Keyless Chuck
- 2 Torque Adjustment Collar
- 3 LED Work Light
- 4 Variable Speed Trigger
- 5 Battery Release Button
- 6 12V Battery
- 7 Forward/ Reverse Lever
- 8 Gear Selector Switch



ACCESSORIES

- 9 Fast Charging Cradle
- 10 USB Output
- 11 Charging Adaptor
- 12 Charging Jack
- 13 Belt Clip



ONLINE MANUAL

Scan this QR Code with your mobile device to take you to the online manual.



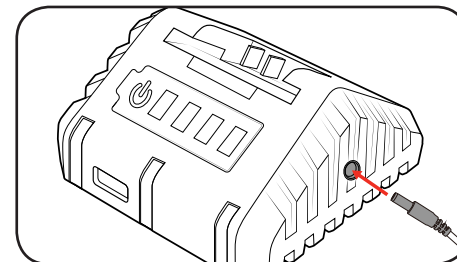
SETUP & PREPARATION

1. CHARGING STAND

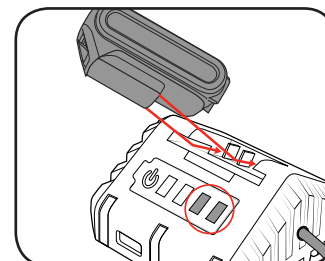
WARNING: THE POWER SUPPLY FOR THIS CHARGER IS RECOMMENDED FOR USE WITH A RESIDUAL CURRENT DEVICE (RATED AT 30mA OR LESS).

Charging the Battery Using the Charging Stand

- 1 Plug charging jack into the fast charging cradle. The first green light will illuminate when connected.



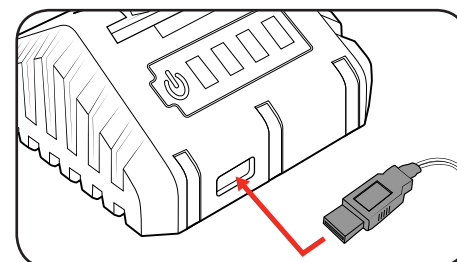
- 2 Slide the battery onto the cradle. The first 2 lights will illuminate when battery is properly connected and is charging.



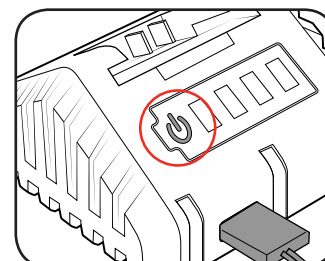
Note: Once fully charged, all green lights will be illuminated.

Charging a USB Device

- 1 While connected to power, USB devices can be plugged into the front of the cradle for charging.



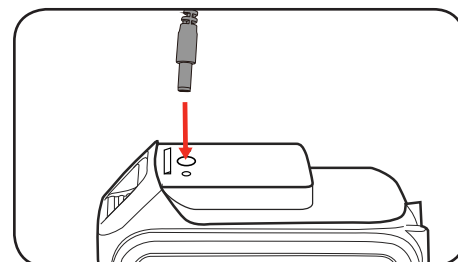
- 2 To start charging the USB device, press the power button on the charging cradle.



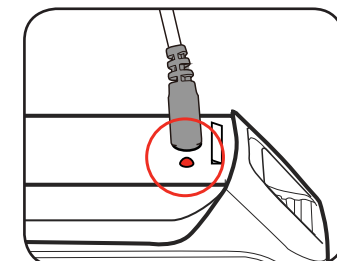
2. BATTERY

Charging the Battery Directly

- 1 Plug charging jack directly into the top of the battery



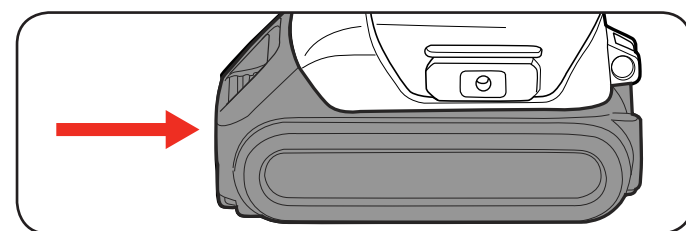
- 2 The red LED light will illuminate while charging.



Note: Once fully charged, the green LED light will be illuminated.

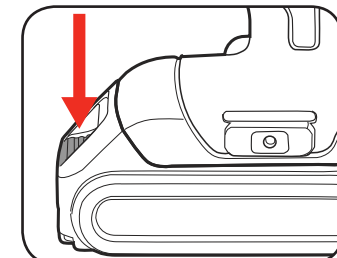
Installing the Battery Pack

- 1 Slide the battery into the drill base until it clicks into place.



Removing the Battery Pack

- 1 Hold down the battery release button and then slide the battery out.

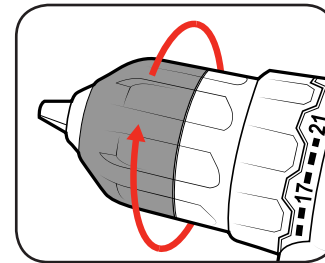


3. KEYLESS CHUCK

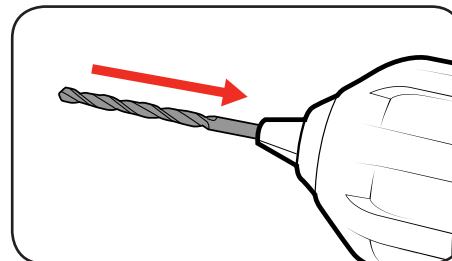
WARNING: ENSURE THE TOOL IS DISCONNECTED FROM THE POWER SUPPLY BEFORE PERFORMING ANY OF THE FOLLOWING OPERATIONS.

Installing a Drill Bit

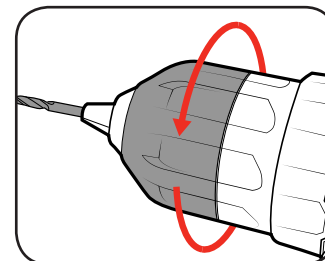
- 1 Rotate the chuck collar anti-clockwise to open the chuck



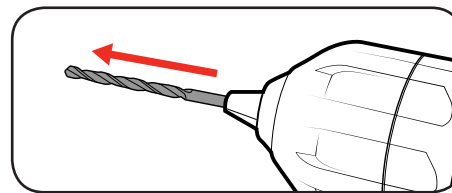
- 2 Insert the drill bit, making sure it is centred in the chuck.



- 3 Tighten the chuck by turning clockwise.

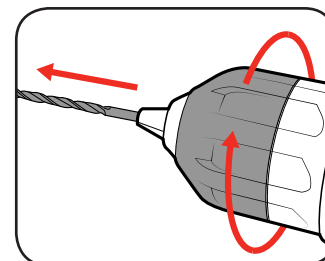


- 4 Pull on the bit to ensure it is firmly secured.



Removing a Drill Bit

- 1 Open the chuck by rotating the chuck collar and remove the drill bit.



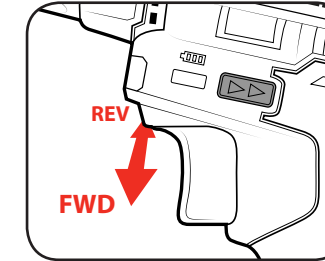
CAUTION: TO REDUCE THE RISK OF INJURY WE RECOMMEND THE USE OF GLOVES WHEN HANDLING DRILL BITS.

OPERATION

4. CONTROLS

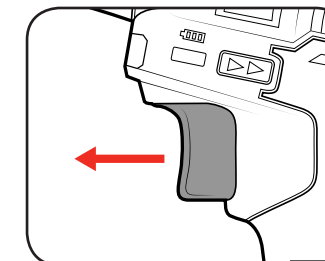
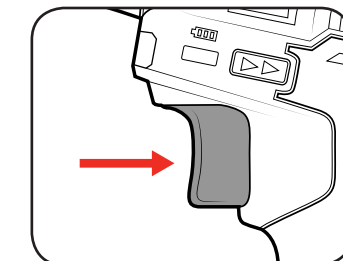
Forward / Reverse Lever

- 1 For forward rotation, push the fwd/rev lever towards the left side of the drill. For reverse rotation push fwd/rev lever to the right.



Variable Speed Trigger

- 1 To start drilling squeeze the variable speed trigger.
- 2 To stop drilling release the trigger.

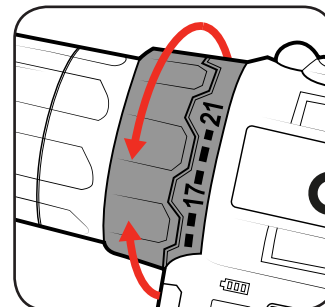


Note: The more the variable speed trigger is depressed, the faster the drill bit will rotate.

Adjusting Torque

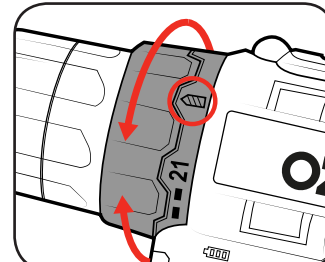
- 1 Rotate the torque collar to the desired setting.

Note: Selecting a higher torque setting will allow the drill to use more torque to drive the screw in or out. To prevent damaging the screw head, it is recommended to start at a low torque setting and increase when necessary.



Drilling

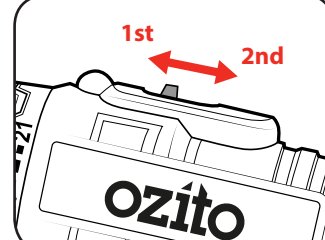
- 1 For drilling purposes, turn the torque collar to align the arrow on the housing with the drill icon.



Speed Control

The gear selector controls the speed of the drill. First gear allows slower drilling with more torque, while second gear is suitable when less torque but higher speed is required.

- 1 Slide the switch forward to select first gear.



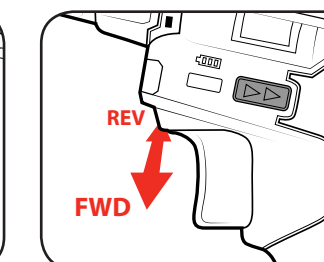
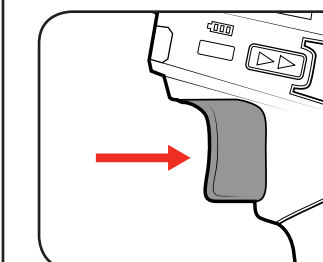
- 2 Slide the switch backward to select second gear.



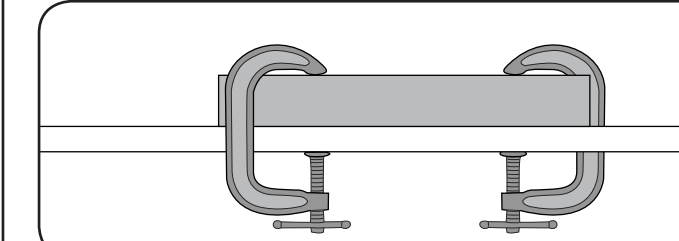
5. DRILLING

Before starting to drill, perform a few simple checks.

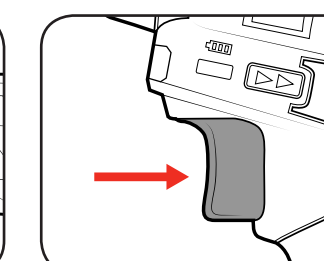
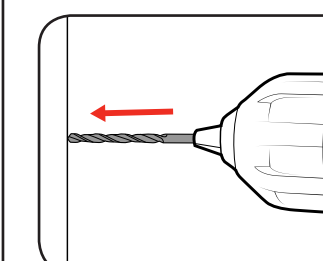
- 1 Depress and release the variable speed trigger to ensure it is not locked on.
- 2 Check the forward/reverse lever is on desired setting.



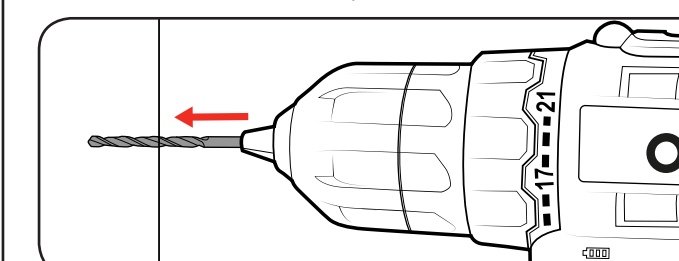
- 3 Secure the material to be drilled in a vice or clamp to stop it turning whilst drilling.



- 5 Hold the drill firmly and place the bit at the point to be drilled.
- 6 Depress the variable speed trigger to start the drill.



- 7 Move the drill bit into the workpiece.

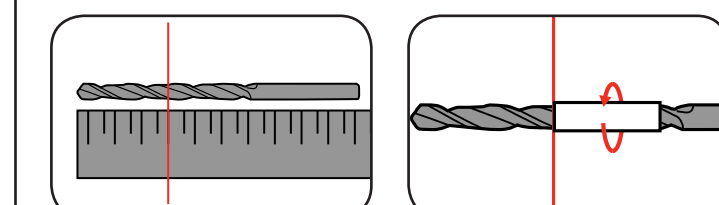


Note: Do not force the drill or apply side pressure to elongate the hole. Let the drill do all the work.

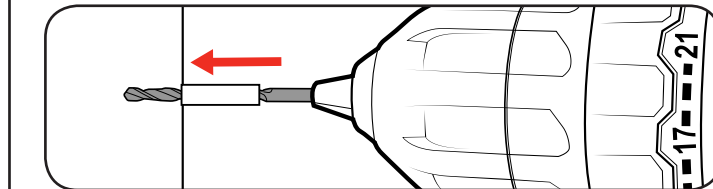
6. HELPFUL TIPS

Drilling to a Preset Depth

A simple way of achieving a hole at a desired depth is to use masking tape.



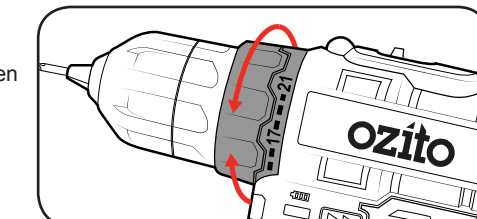
- 3 Drill into the material until the surface reaches the start of the tape.



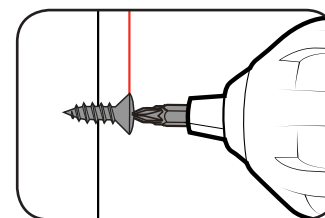
Torque Settings

Torque settings can alter the depth to which you can drill or drive into a surface. To determine the torque setting required to drive a screw perfectly flush to the work surface, follow the below steps.

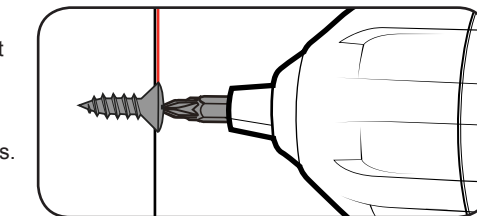
- 1 Set the torque collar to lowest setting and tighten the first screw.



- 2 If the clutch ratchets and makes a clicking sound before screw is flush, increase the collar setting and continue tightening.



- 3 Repeat until you reach the correct setting/ screw depth. Use this setting for the remaining screws.



When drilling hard, smooth surfaces, use a centre punch to mark the desired hole location. This measure will prevent the drill bit from slipping off centre as you start the hole.

When drilling metals, use light oil on the drill bit to keep it from overheating. The oil will prolong the life of the bit and increase drilling action.