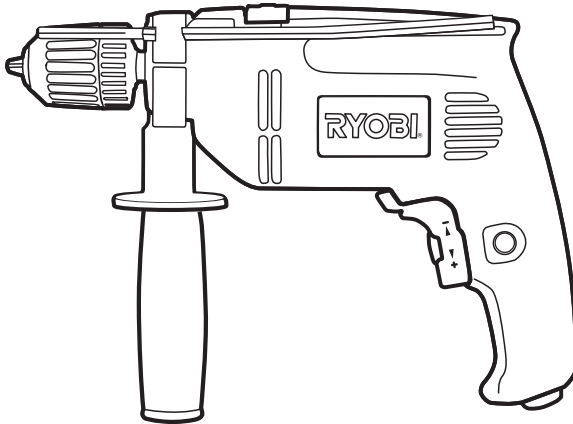


RYOBI®

OWNER'S OPERATING MANUAL 550W IMPACT DRILL MODEL EID550VK



SPECIFICATIONS :

Input.....550 watt
Chuck Capacity.....10mm keyless
Impacts Per Minute....0 - 26500 b.p.m.
No Load Speed.....0 - 3,000 min⁻¹
Drilling Capacity
 Steel10 mm
 Masonry10 mm
 Wood15 mm
Net Weight1.8 kg



THANK YOU FOR BUYING A RYOBI DRILL

Your new impact drill has been engineered and manufactured to Ryobi's high standard for dependability, ease of operation, and operator safety. Properly cared for, it will give you years of rugged, trouble free performance.



CAUTION: Carefully read through this entire owner's manual before using your drill.

Pay close attention to the Rules for Safe Operation, Warnings, and Cautions.

If you use your impact drill properly and only for what it is intended, you will enjoy years of safe, reliable service.

Thank You again for buying Ryobi tools.

SAVE THIS MANUAL FOR FUTURE REFERENCE.

RULES FOR SAFE OPERATION

The purpose of safety rules is to attract your attention to possible dangers. The safety symbols and the explanations with them, require your careful attention and understanding. The safety warnings do not by themselves eliminate any danger. The instruction or warnings they give are not substitutes for proper accident prevention measures.



SAFETY ALERT SYMBOL. Indicates caution or warning. It may be used in conjunction with other symbols or pictures.



WARNING: Failure to obey a safety warning can result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.



WARNING: Do not attempt to operate this tool until you have read thoroughly and understood completely, safety rules, etc. contained in this manual. Failure to comply can result in accidents involving fire, electric shock or serious personal injury. Save owners manual and review frequently for continuing safe operation and instructing others who may use this tool.



The operation of any tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and a full face shield when needed. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields.

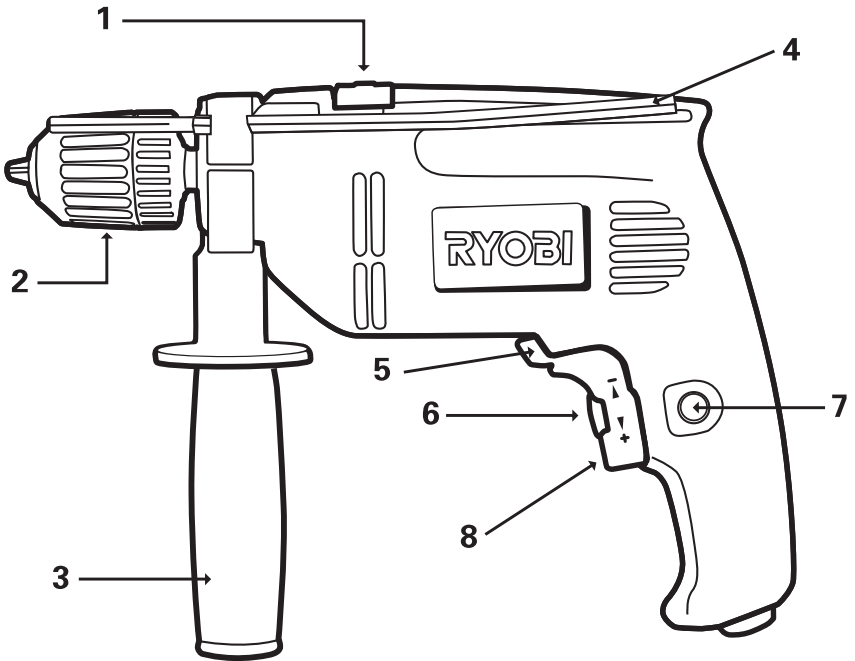
- 1. KNOW YOUR POWER TOOL.** Read owners manual carefully. Learn its applications and limitations as well as the specific potential hazards related to this tool.
- 2. GUARD AGAINST ELECTRICAL SHOCK BY PREVENTING BODY CONTACT WITH GROUNDED SURFACES.** For example, pipes, radiators, ranges, refrigerator enclosures.
- 3. KEEP WORK AREA CLEAN.** Cluttered areas and benches invite accidents.
- 4. AVOID DANGEROUS ENVIRONMENT.** Don't use power tools in damp or wet locations or expose to rain. Keep work area well lit.
- 5. KEEP CHILDREN AND VISITORS AWAY.** Visitors should wear safety glasses and be kept a safe distance from work area. Do not let visitors contact tool or extension cord.
- 6. STORE IDLE TOOLS.** When not in use, tools should be stored in a dry and high or locked-up place, out of reach of children.
- 7. DON'T FORCE TOOL.** It will do the job better and safer at the rate at which it was designed.
- 8. USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy duty tool. Don't use tool for purpose not intended.
- 9. DRESS PROPERLY.** Do not wear loose clothing or jewellery. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Also wear protective hair covering to contain long hair.

- 10. ALWAYS WEAR SAFETY GLASSES.** Everyday eyeglasses have only impact resistant lenses, they are not safety glasses.
- 11. PROTECT YOUR LUNGS.** Wear a dust mask if operation is dusty.
- 12. PROTECT YOUR HEARING.** Wear hearing protection during extended periods of operation.
- 13. DON'T OVERREACH.** Keep proper footing and balance at all times. Do not use tool on a ladder or unstable support. Secure tools when working at elevated levels.
- 14. MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories.
- 15. REMOVE ADJUSTING KEYS AND WRENCHES.** Form a habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
- 16. NEVER USE IN AN EXPLOSIVE ATMOSPHERE.** Normal sparking of the motor could ignite fumes.
- 17. KEEP HANDLES DRY, CLEAN AND FREE FROM OIL AND GREASE.** Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum based products, or any strong solvents to clean your tool.
- 18. STAY ALERT AND EXERCISE CONTROL.** Watch what you are doing and use common sense. Do not operate tool when you are tired. Do not rush operation of tool.
- 19. CHECK DAMAGED PARTS.** Before further use of the tool, a guard or any other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting and any other conditions that may affect its operation. A guard or any other part that is damaged should be properly repaired or replaced by an authorised service centre.
- 20. DO NOT USE TOOL IF SWITCH DOES NOT TURN IT ON AND OFF.** Have defective switches replaced by authorised service centre.
- 21. DO NOT OPERATE THIS TOOL WHILE UNDER THE INFLUENCE OF DRUGS, ALCOHOL OR ANY MEDICATION.**
- 22. THE APPLIANCE IS NOT INTENDED FOR USE BY YOUNG OR INFIRM PERSONS WITHOUT SUPERVISION. YOUNG CHILDREN SHOULD BE SUPERVISED TO ENSURE THAT THEY DO NOT PLAY WITH THE APPLIANCE.**

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

Due to continued product refinement policy, product features and specifications can and will change without notice. Check current features and specifications with your retailer.

FEATURES



1. Impact Drilling Mode Selector

2. Keyless Chuck

3. Auxiliary Handle

4. Depth Gauge

5. Forward Reverse Lever

6. Variable Speed Control

7. Lock - On Button

8. Trigger Switch

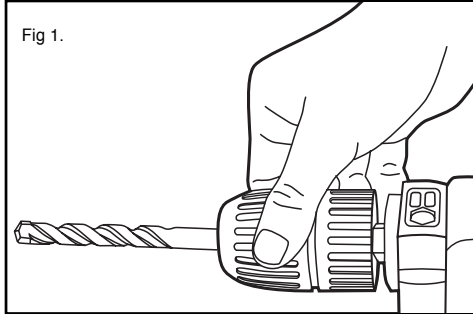
■ APPLICATIONS

(use only for the purposes listed below).

1. Drilling wood, metal and resin boards
2. Drilling concrete

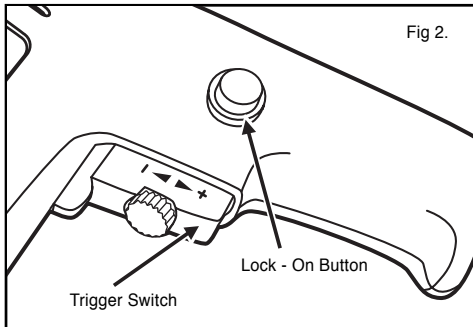
■ MOUNTING OF BIT (Fig 1.)

When mounting the bit, first pulling open rear half of the chuck to release the lock, insert the bit into the chuck as far as it will go and hand tighten the chuck to secure the bit, then pushing rear half of the chuck to lock it. The bit can be removed by reversing above procedure.



■ SWITCHES (Fig 2.)

Your drill starts and stops by squeezing and releasing the trigger switch. For continuous operation, press the lock-on button while the trigger switch is fully depressed. To release the lock, squeeze the trigger switch again.

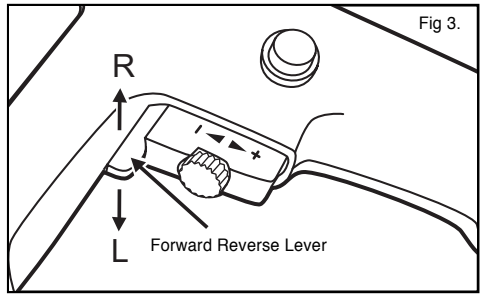


■ FORWARD REVERSE SWITCH (Fig 3.)

Your Impact Drill is fitted with a reversing lever which allows the removal of screws.

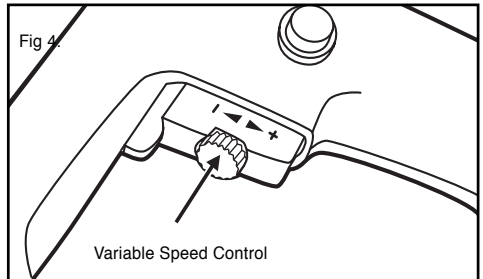
Forward Rotation: Situate the lever in the "R" (forward) position indicated on your drill.

Reverse Rotation: Situate the lever in the "L" (reverse) position indicated on your drill.



■ VARIABLE SPEED (Fig 4.)

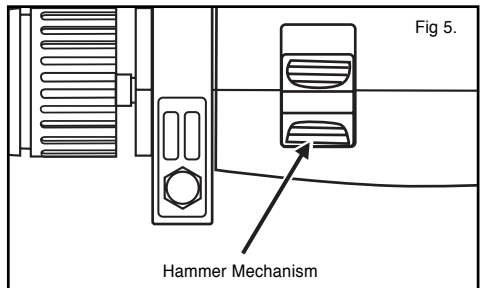
Your drill has a variable speed control mechanism designed to allow the operator control and adjustment of speed and torque limits. The speed and torque of your drill can be increased by rotating the variable speed control button.



■ HAMMER MECHANISM (Fig 5.)

The hammer mechanism can be operated with the machine running. When drilling materials that are liable to break, such as tiles, it is advisable to start the drill without impact. For deep holes, frequently remove the tool to exhaust chips from the hole. To drill with impact, only use drills with carbide tip and negative cut angle on the lip. Carbide tip drills should only be sharpened with silicone carbide wheels.

To work WITHOUT HAMMER, as a normal drill, turn the lever to the point where a drill is printed. To work WITH HAMMER, push the lever to the position where a hammer is printed.



■ OPERATING

Never cover air vents. They must always be open for proper motor cooling.



WARNING: The chuck and exposed metal surfaces of the tool may become "live" if the tool drills into wiring in a wall. The operator must always ensure that the area being drilled does not conceal electrical wiring or plumbing.

● DRILLING IN WOOD (Fig 6.)

To prevent ugly splits around the drillhole on the reverse side of the workpiece, place a scrap piece of timber beneath the material to be drilled.

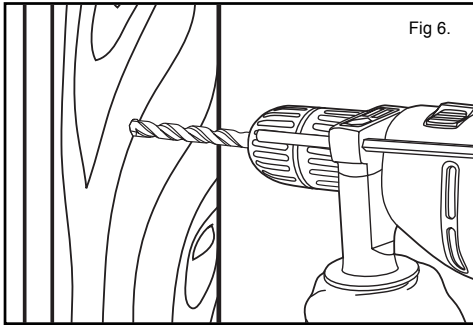


Fig 6.

● DRILLING IN METAL (Fig 7.)

Metals such as steel, brass, aluminium sheets, stainless steel and pipe may also be drilled. Mark the point to be drilled with a nail or a punch before drilling.

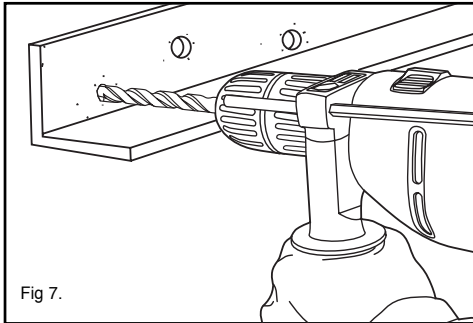


Fig 7.

● DRILLING IN CONCRETE (Fig 8.)

Rock and masonry are generally drilled in the hammer mode. When drilling delicate materials such as wall tiles, it is essential to start with ordinary drilling and once the tile is pierced, to continue with hammer drilling. In deep boreholes the drill bit should be pulled out occasionally in order to remove the dust and chips from the hole.

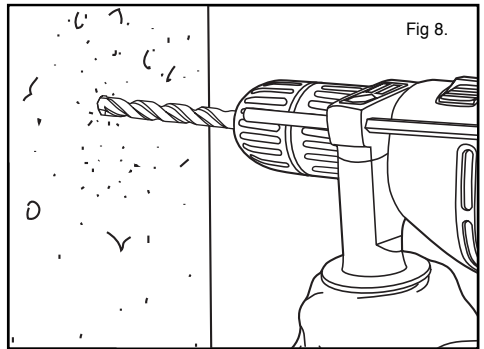


Fig 8.

■ AUXILIARY HANDLE AND DEPTH STOP

Install the auxiliary handle on the head of the housing and insert the depth stop in the hole provided. The auxiliary handle can swivel 360° for the most comfortable position and easiest operation. The depth stop helps keep an accurate depth when drilling holes.

■ MAINTENANCE

1. Do not make any adjustments while the motor is in motion.
2. Always disconnect the electric cord from the power source before mounting the drill bit, changing brushes or lubricating.
3. After use, check your tool to keep it in top condition.
4. Clean out accumulated dust.
5. When the carbon brushes are worn to the standard line, they must be replaced.

RYOBI TECHNOLOGIES AUSTRALIA PTY. LTD.

GUARANTEE



Subject to the guarantee condition below, this Ryobi tool (hereinafter called "the product") is guaranteed by Ryobi (hereinafter called "the Company") to be free from defects in material or workmanship for a period of 24 months from the date of original purchase covering both parts and labour. Under the terms of this guarantee, the repair or replacement of any part shall be the opinion of the Company or its authorised agent. Should service become necessary during the warranty period, the owner should contact the Authorised Ryobi Retailer from whom the Product was purchased, or the nearest Company Branch Office. In order to obtain guarantee service, the owner must present the sales docket and Guarantee Certificate to confirm date of purchase. This product is sold by the dealer or agent as principal and the dealer has no authority from the Company to give any additional guarantee on the Company's behalf except as herein contained or herein referred to.

Guarantee Conditions

This guarantee only applies provided that the Product has been used in accordance with the manufacturer's recommendations under normal use and reasonable care (in the opinion of the Company) and such

guarantee does not cover damage, malfunction or failure resulting from misuse, neglect, abuse, or used for a purpose for which it was not designed or is not suited and no repairs, alterations or modifications have been attempted by other than an Authorised Service Agent. This guarantee will not apply if the tool is damaged by accident or if repairs arise from normal wear and tear.

The Company accepts no additional liability pursuant to this guarantee for the costs of travelling or transportation of the Product or parts to and from the service dealer or agent - such costs are not included in this guarantee.

Certain legislation, including the Trade Practices Act, 1974 (as amended) and other state and territorial laws give rights to the buyer and impose liability on the seller in certain circumstances. Nothing herein shall have the effect of excluding, restricting or modifying any condition, guarantee, right or liability imposed, to the extent only that such exclusion, restriction or modification would render any term herein void.

RYOBI®

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Contact during normal business hours.

This Guarantee Form Should Be Retained By The Customer At All Times

For your record and to assist in establishing date of purchase (necessary for in-guarantee service) please keep your purchase docket and this form completed with the following particulars.

Purchased From _____

Address Of Dealer _____

Date _____ Model No _____ Serial No _____

Present This Form With Your Purchase Docket When Guarantee Service Is Required.