

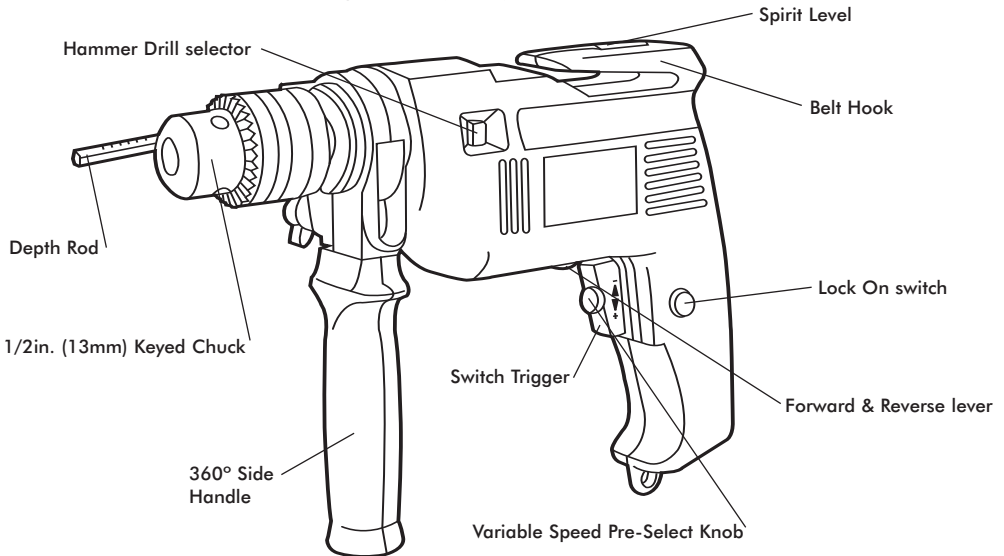


1/2in. HAMMERDRILL

OPERATING INSTRUCTIONS

SPECIFICATIONS - ITEM# 151605

Input Power:	500W
Input Voltage:	120V~60Hz
No Load Speed:	0~2,800 RPM
Drill chuck capacity:	Up to 1/2in. (13mm)
Maximum drilling capacity:	Wood 15/16in. (24mm)
	Steel 1/2in. (13mm)
	Masonry 13/32in. (10mm)



The noise level of this machine can exceed 85 dB(A), operators are recommended to use hearing protection devices.

ALWAYS WEAR EYE, FACE & EAR PROTECTION



Distributed by Northern Tool & Equipment Co., Inc.
Made in China

Burnsville, MN 55306-6936

NorthernTool.com

SPECIFICATIONS

THE ON / OFF SWITCH

Switch the machine on by depressing the switch trigger. If prolonged use of the tool is required the lock on switch may be depressed when the switch trigger is fully depressed to lock the switch trigger in place. To release the switch trigger depress it once again and the lock on switch will disengage allowing the switch trigger to travel back to the off position.

⚠ CAUTION: Do not drill or hammer hard, brittle materials such as steel or concrete with the drill locked in the ON position. The drill bit can catch and cause the tool body to twist around without stopping.

SPEED CONTROL

The speed can be varied from 0 to maximum, depending on the pressure applied to the switch trigger. This way you can select the best possible speed for the job being done.

PRE-SELECTION OF SPEED

With the variable speed pre-select knob which is built into the switch trigger it is possible to pre-set the required speed. This adjustment can be performed while the drill is running.

If the drill is to be used at the lower speed settings, it should be run from time to time at the highest speed setting at no load to cool the motor sufficiently and bring it to its normal operating temperature.

CHANGING THE DIRECTION OF ROTATION

With the incorporated reversing switch installed in your drill the direction of rotation can be changed with the forward / reverse lever. The direction of rotation is indicated by "R" for forward and "L" for reverse on the body of the drill near the forward / reverse lever.

Do not change the direction of rotation while the chuck is still in motion.

HAMMER DRILLING

With the Hammer / Drill selector you can choose between normal drilling and hammer drilling. To select normal drilling move the slider to the left so that the drill bit symbol is displayed. To select impact drilling move the slider to the right so that the hammer symbol is displayed - the impact mechanism will not engage until pressure is applied to the chuck.

Changing between the two settings is possible with the drill running with no pressure applied to the chuck. The impact drill must be set to forward rotation when impact drilling.

⚠ WARNING! Use both hands at all times when using the hammerdrill.

⚠ CAUTION: Do not use the hammerdrill for extended periods of time. Vibration caused by operating this tool may cause damage to finger, hands and arms.

⚠ WARNING!

Some dust created by power sanding, sawing, grinding, and other construction activities contains 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, cement, and other masonry products
- Arsenic and chromium, from chemically treated lumber

Your risk from these exposures 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 use approved personal protective equipment, such as those dust masks that are specially designed to filter out microscopic particles.

SAFETY INSTRUCTIONS FOR ALL POWER TOOLS

WEAR PROPER APPAREL. ENSURE THAT SKIN ON ALL PARTS OF YOUR BODY IS COVERED AND PROTECTED FROM DEBRIS FROM THE WORKPIECE OR ACCESSORY. THIS INCLUDES SAFETY GLASSES, GLOVES, MASK, SAFETY FOOTWARE AND CLOTHING

- Disconnect the tool from the power source by removing the plug from the outlet prior to making adjustments, fitting a drill bit or accessories. This precaution must be taken to prevent the tool from being accidentally switched "ON" whilst adjustment or fitting is carried out.
- Always ensure that the work is securely clamped. The work must not be held in the hand or supported on the knees.
- Wear eye protection particularly when drilling metal and masonry. Fast-moving particles from the work can cause eye injury.
- Use hearing protection particularly when drilling in the impact mode.
- Don't over-reach, keep proper footing and balance at all times.
- Maintenance should only be carried out by an authorised service agent using original parts. If the supply cord is damaged it should only be replaced by an authorised service agent.
- When using an extension cord, ensure that a 10A rated cord is used otherwise damage to the tool may occur. Ensure that the cord is fully unreeled before use. If used outdoors a heavy duty type must be used. Have a registered electrician replace or repair any damaged or worn cord immediately.
- The supply cord of the tool and any extension cord used should be checked frequently for damage.
- Check damaged parts - ensure that all parts operate smoothly and efficiently. Make sure all working parts are in good working order. Check for alignment of moving parts, binding of moving parts, breakage of parts, and any other conditions which may affect or restrict the tool's operation. Any part that is damaged should be repaired or replaced by an authorised service agent. Have defective switches replaced immediately.
- The tool should not be exposed to excessive humidity or be operated in areas with explosive or corrosive gases.
- Do not use the tool in a confined space where body movement may be restricted.
- Wear proper apparel as described above.
- Keep the work area clean.
- Don't force the tool, it will do a better job and operate safely when used at a rate for which it is designed.
- Remove adjusting key before turning on the hammerdrill.
- Keep children and bystanders away while operating the hammerdrill. Do not allow children to play with the tool.
- Do not expose the hammerdrill to rain or wet conditions.
- Do not leave drill unattended when it is plugged into an electrical outlet.

GENERAL HINTS FOR DRILLING IN ALL MATERIALS

- Always use sharp drill bits
- Mark the place where you would like the hole to be drilled
- First start with a slow rotation speed to start the hole
- Reduce your pressure on the tool when the drill bit is about to break through the material
- By adjusting the depth gauge attached to the drill handle you can drill to the exact depth required.

METAL DRILLING

- Support thin material with a wooden plate
- Use a punch to mark the position of the hole
- If drilling a large hole use a small drill at first to establish a pilot hole then use the large size drill bit required
- Use only HSS (high speed steel) drill bits or those recommended for metal use
- When drilling into iron or steel use a cooling lubricant such as thin oil. With aluminium use turpentine or paraffin. With brass, copper and cast iron use no lubricant but withdraw the drill regularly to assist cooling.

MASONRY DRILLING

- Use a sharp carbide tipped drill bit at all times
- When drilling into bricks, concrete or stone use the "hammer " position on the drill
- When drilling into tiles or soft stone use a carbide tipped bit in the normal drilling position
- Fit gummed paper at the place where you want to drill in tiles - this prevents the drill bit from wandering.
- Move the drill bit up and down when drilling to help remove dust and cuttings from the hole.
- Firm, but not excessive, pressure should be applied.

WOOD DRILLING

- Mark the place where you want to drill with a punch or nail
- To avoid splintering on breakthrough either clamp a piece of scrap wood to the back of the wood or continue the hole from the back of the wood when the drill bit first breaks through.

WARRANTY

THIS WARRANTY FORM SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES

PURCHASED FROM: _____

DATE PURCHASED: _____

The warranty is only made available by returning the tool to the place of purchase with a confirmed register receipt.

6 MONTH REPLACEMENT WARRANTY

Your Wel-Bilt tool is covered by a 6 month replacement warranty from the date of purchase. Industrial or high frequency use will void this warranty. The warranty covers faulty parts or workmanship.

WARNING

The following actions will result in the warranty being void.

- If the tool has been operated on a supply voltage other than that specified on the unit.
- If the tool shows signs of damage or defects caused by or resulting from abuse accidents or alterations.
- If the tool has been disassembled or tampered with in any way.

*Warranty excludes consumable parts such as brushes, batteries, sanding pads, blades, discs and drill bits.