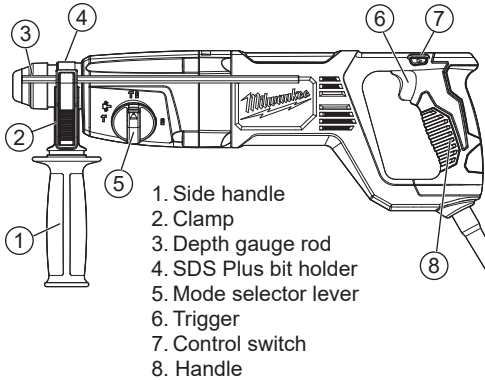


FUNCTIONAL DESCRIPTION



ASSEMBLY

WARNING To reduce the risk of injury, always unplug tool before changing or removing accessories. Only use accessories specifically recommended for this tool. Others may be hazardous.

To reduce the risk of injury, always use a side handle when using this tool. Always brace or hold securely.

Adjusting the Side Handle Position

1. Loosen the side handle by unscrewing the side handle grip until the side handle rotates freely.
2. Rotate the side handle to the desired position.
3. Tighten the side handle grip securely.

Setting the Depth Gauge

1. Press in the clamping lever.
2. Slide the depth gauge rod backward or forward until it is set for the desired depth.

NOTE: The drilling depth is the distance between the tip of the bit and the tip of the rod.

3. Release the clamping lever.

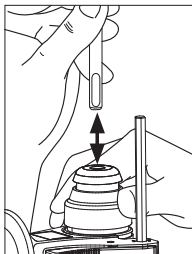
WARNING To reduce the risk of injury, do not grasp the bit while the chuck is rotating or while the bit is falling from the chuck.

Installing Drill Bits and Chisels

Only use accessories with SDS or SDS Plus shanks. Be sure that the shank of the bit is clean. Dirt particles may cause the bit to line up improperly. Do not use bits larger than the maximum recommended capacity of the drill because gear damage or motor overloading may result. For best performance, be sure that the bit is properly sharpened and the shank is lightly greased before use.

1. Insert the bit or chisel into the nose of the tool.
2. Rotate bit slowly until it aligns with the locking mechanism.
3. Push bit into tool until it locks.
4. Check that the bit is locked properly; it should be possible to pull the bit back and forth slightly (about 1/4").
5. To remove bits and chisels, pull bit holder release collar toward the rear of tool and remove bit.

NOTE: Use caution when handling hot bits and chisels.



OPERATION

WARNING To reduce the risk of injury, always unplug tool before attaching or removing accessories or making adjustments. Use only specifically recommended accessories. Others may be hazardous.

To reduce the risk of injury, wear safety goggles or glasses with side shields.

To reduce the risk of injury, wear a dust mask or use an OSHA compliant dust extraction solution when working in dusty situations.

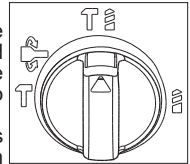
To reduce the risk of injury, keep hands and cord away from the bit and all moving parts.

To reduce the risk of injury, always use a side handle when using this tool. Always brace or hold securely.

Selecting Action

These MILWAUKEE Rotary Hammers have three settings: rotation only, rotary hammer, and hammer only. Always allow the motor to come to a complete stop before changing the mode selection to avoid damage to the tool.

1. For rotation only, press in the selector release button and turn the selector lever so the arrow on the lever points to the twist drill symbol.
2. For rotary hammering, press in the selector release button and turn the selector lever so the arrow points to the hammer and twist drill symbol.
3. For hammering only, press in the selector release button and turn the selector lever so the arrow points to the hammer symbol.
4. To freely rotate the bit to the desired angle for hammering only, press in the selector release button and turn the selector lever to the symbol. Then, follow step 3.



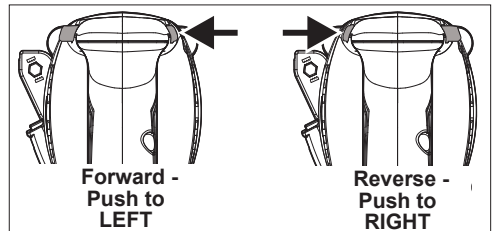
NOTE: To engage the hammering mechanism, maintain pressure on the bit. When pressure on the bit is released, the hammering action will stop.

Using the Control Switch

Always allow the motor to come to a complete stop before using the control switch.

For **forward** (clockwise) rotation, push the control switch to the left side of the tool. Check the direction of rotation before use.

For **reverse** (counterclockwise) rotation, push the control switch to the right side of the tool. Check direction of rotation before use.



Starting, Stopping and Controlling Speed

1. To **start** the tool, grasp the handle firmly and pull the trigger.
2. To **vary** the speed, increase or decrease the pressure on the trigger. The further the trigger is pulled, the greater the speed.

- To **stop** the tool, release the trigger. Make sure the tool comes to a complete stop before laying the tool down.

Operating

Position the tool, grasp the handles firmly and pull the trigger. Always hold the tool securely using both handles to maintain control. This tool has been designed to achieve top performance with only moderate pressure. Let the tool do the work.

If the speed begins to drop off when drilling large or deep holes, pull the bit partially out of the hole while the tool is running to help clear dust. Do not use water to settle the dust since it will clog the bit flutes and tend to make the bit bind in the hole. If the bit should bind, a built-in, non-adjustable slip clutch prevents the bit from turning. If this occurs, stop the tool, free the bit and begin again.

Using Rotary Percussion Core Bits

Core bits are useful for drilling larger holes for conduit and pipe. MILWAUKEE Thin Wall Core Bits have heat-treated steel bodies with durable carbide tips. These core bits are specially designed for fast, accurate drilling with combined hammering and rotary action.

- Clean and lubricate the threads on the adapter and core bit to make later removal easier. Screw the threaded end of the adapter into the rear of the core bit.

NOTE: For core bits 1- 1/4" and larger, push the guide plate onto the pointed end of the center pin. Insert the center pin and guide plate assembly into the core bit. Be sure the small end of the center pin is securely placed into the hole in the center of the core bit.

- Insert the adapter into the nose of the tool as described in "Installing Bits". Set the hammer/drill shift knob to hammering with rotation.

- Press the center pin firmly against your center mark, hold the tool firmly and pull the trigger. **NOTE:** If a center pin and guide plate are not available, use a template or notched board to start the hole.

- After drilling to about the depth of the core bit teeth, remove the center pin and guide plate from the core bit. Resume drilling.

- To change the core bit, hold the tool upwards, pointing it away from your body, and run it briefly in forward to loosen the core bit from the adapter. **NOTE:** To make holes deeper than 3", remove the core bit, break and remove the core. Resume drilling.

MAINTENANCE

AWARNING To reduce the risk of injury, always unplug the tool before performing any maintenance. Never disassemble the tool. Contact a MILWAUKEE service facility for ALL repairs.

Maintaining Tools

Keep your tool in good repair by adopting a regular maintenance program. Inspect your tool for issues such as undue noise, misalignment or binding of moving parts, breakage of parts, or any other condi-

tion that may affect the tool operation. Return the tool to a MILWAUKEE service facility for repair. After six months to one year, depending on use, return the tool to a MILWAUKEE service facility for inspection.

AWARNING To reduce the risk of personal injury, electric shock and damage, never immerse your tool in liquid or allow a liquid to flow inside it.

Cleaning

Clean dust and debris from vents. Keep handles clean, dry and free of oil or grease. Use only mild soap and a damp cloth to clean, since certain cleaning agents and solvents are harmful to plastics and other insulated parts. Some of these include gasoline, turpentine, lacquer thinner, paint thinner, chlorinated cleaning solvents, ammonia and household detergents containing ammonia. Never use flammable or combustible solvents around tools.

Repairs

For repairs, return the tool to the nearest service center.

ACCESSORIES

AWARNING Use only recommended accessories. Others may be hazardous. For a complete listing of accessories, go online to www.milwaukeetool.com or contact a distributor.

SERVICE - UNITED STATES

1-800-SAWDUST (1.800.729.3878)

Monday-Friday, 7:00 AM - 6:30 PM CST

or visit www.milwaukeetool.com

Contact Corporate After Sales Service Technical Support with technical, service/repair, or warranty questions.

Email: metproductsupport@milwaukeetool.com

Become a Heavy Duty Club Member at www.milwaukeetool.com to receive important notifications regarding your tool purchases.

SERVICE - CANADA

Milwaukee Tool (Canada) Ltd

1.800.268.4015

Monday-Friday, 7:00 AM - 4:30 PM CST

or visit www.milwaukeetool.ca

LIMITED WARRANTY USA & CANADA

Every MILWAUKEE power tool* (see exceptions below) is warranted to the original purchaser only to be free from defects in material and workmanship. Subject to certain exceptions, MILWAUKEE will repair or replace any part on an electric power tool which, after examination, is determined by MILWAUKEE to be defective in material or workmanship for a period of five (5) years** after the date of purchase unless otherwise noted. Return of the power tool to a MILWAUKEE factory Service Center location or MILWAUKEE Authorized Service Station, freight prepaid and insured, is required. A copy of the proof of purchase should be included with the return product. This warranty does not apply to damage that MILWAUKEE determines to be from repairs made or attempted by anyone other than MILWAUKEE authorized personnel, misuse, alterations, abuse, normal wear and tear, lack of maintenance, or accidents.

Normal Wear: Many power tools need periodic parts replacement and service to achieve best performance. This warranty does not cover repair when normal use has exhausted the life of a part including, but not limited to, chucks, brushes, cords, saw shoes, blade clamps, o-rings, seals, bumpers, driver blades, pistons, strikers, lifters, and bumper cover washers.

*This warranty does not cover Air Nailers & Staplers; Airless Paint Sprayer; Cordless Battery Packs; Gasoline Driven Portable Power Generators; Hand Tools; Hoist - Electric, Lever & Hand Chain; M12™ Heated Gun; Reconditioned Product; and Test & Measurement Products. There are separate and distinct warranties available for these products.