Genesis

GDP1005A

10" 5-Speed Drill Press

Perceuse à colonne de 10 po., 5 vitesses

Taladro de pie de 10”, 5 velocidades

Operator’s Manual

Manuel d’utilisation

Manual del operario

TOLL FREE HELP LINE: **888-552-8665**

WEBSITE: **www.genesispowertools.com**

English

SPECIFICATIONS

- Model: ---------- GDP1005A
- Rated Power: ---------- 120V~ /60 Hz, 4.1 Amp
- No Load Speed: ---------- 5 Speeds (620, 1150, 1630, 2180, 3070 RPM)
- Chuck Size: ---------- 5/8" (16mm)
- Spindle Travel: ---------- 2" (50mm)
- Swing: ---------- 10" (254mm)
- Table Movement:---------- 45° bevel, 360° swivel
- Table Size: ---------- 7-1/4" x 7-1/4" (184mm x 184mm)
- Base Size: ---------- 13-3/8" x 8-1/4" (340mm x 210mm)
- Max. Distance from Spindle End to Surface of Table:-------- 12-3/16" (310mm)
- Max Distance from Spindle End to Surface of Base: ---------17-1/4" (438mm)
- Max Distance from Spindle Axis to Surface of Column: ----- 5 " (127mm)
- Net Weight: ---------- 49.5 Lbs

Includes: Chuck Key, 2 Allen Wrenches and 2 "AAA" Batteries for Work Light

⚠ WARNING: To reduce the risk of injury, user must read and understand this operator's manual before operating this tool. Save this Manual for future reference.

Toll-Free Help Line: 1-888-552-8665

⚠ WARNING: The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning 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. Always wear eye protection which is marked to comply with ANSI Z87.1.

Look for this symbol to point out important safety precautions. It means attention!! Your safety is involved.

GENERAL SAFETY RULES

⚠ WARNING: Some dust created by power sanding, sawing, grinding, drilling, 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 and cement and other masonry products, and
- 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 work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

⚠ WARNING: Read and understand all warnings, cautions and operating instructions before using this equipment. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS

WORK AREA SAFETY

- **Keep your work area clean and well lit.** Cluttered benches and 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 bystanders, children, and visitors 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 in any earthed (grounded) power tools. Double insulated tools are equipped with a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. Do not change the plug in any way. Double insulation eliminates the need for the three wire grounded power cord and grounded power supply system.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the 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 grounded.
- **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 cords increase the risk of electric shock.
- **When operating a power tool outside, use an extension cord suitable for outdoor use.** These cords are rated for outdoor use and reduce the risk of electric shock.
- **Do not use AC only rated tools with a DC power supply.** While the tool may appear to work. The electrical components of the AC rated tool are likely to fail and rate a hazard to the operator.

PERSONAL SAFETY

- **Stay alert,** watch what you are doing and use common sense when operating a power tool. Do not use tool while 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 safety equipment.** Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection for appropriate conditions will reduce personal injuries.
- **Dress properly.** Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts. Air vents may cover moving parts and should be avoided.
- **Avoid accidental starting.** Ensure the switch is in the off position before plugging in. Carrying power tool with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- **Remove any adjusting keys or wrenches before turning the power tool on.** A wrench or key that is left attached to a rotating part of the tool may result in personal injury.
- **Do not overreach.** Maintain proper footing and balance at all times. Loss of balance can cause an injury in an unexpected situation**.**
- **If devices are provided for connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of these devices can reduce dust related hazards.
- **Do not use a ladder or unstable support.** Stable footing on a solid surface enables better control of the tool in unexpected situations.
- **Keep tool handles dry, clean and free from oil and grease.** Slippery handles cannot safely control the tool.

TOOL USE AND CARE

- **Secure the workpiece.** Use a clamp or other practical way to hold the workpiece to a stable platform. Holding the workpiece by hand or against your body is unstable and may lead to loss of control.
- **Do not force the power tool.** The tool will perform the job better and safer at the feed rate for which it is designed. Forcing the tool could possibly damage the tool and may result in personal injury.
- **Use the correct power tool for the job.** Don't force the tool or attachment to do a job for which it is not designed.

- **Do not use tool if switch does not turn it on or off.** Any tool that cannot be controlled with the switch is dangerous and must be repaired or replaced by an authorized service center**.**
- **Turn power tool off, and disconnect the plug** from the power source and/or battery pack from the power tool before making any adjustments, changing the accessories, or storing the tools**.** Such preventive safety measures reduce the risk of an accidental start up which may cause personal injury**.**
- **Store idle tool out of reach of children and other inexperienced persons.** It is dangerous in the hand of untrained users.
- **Maintain power tools with care.** Check for improper alignment, binding of moving parts, component breaks, or any other conditions that may affect the tool's operation. A guard or any other part that is damaged must be properly repaired or replaced by an authorized service center to avoid risk of personal injury.
- **Use recommended accessories.** Using accessories and attachments not recommended by the manufacturer or intended for use on this type tool may cause damage to the tool or result in personal injury to the user. Consult the operator's manual for recommended accessories.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control**.**
- **Feed the workpiece in the correct direction and speed.** Feed the workpiece into a blade, cutter, or abrasive surface against the direction of the cutting tool's direction of rotation only. Incorrectly feeding the workpiece in the same direction may cause the workpiece to be thrown out at high speed.
- **Never leave the tool running unattended, turn the power off.** Do not leave the tool until it comes to a complete stop.
- **Never start the power tool when any rotating component is in contact with the workpiece.**

⚠ WARNING: USE OF THIS TOOL CAN GENERATE AND DISBURSE DUST OR OTHER AIRBORNE PARTICLES, INCLUDING WOOD DUST, CRYSTALLINE SILICA DUST AND ASBESTOS. Direct particles away from face and body. Always operate tool in a well-ventilated area and provide for proper dust removal. Use dust collection system wherever possible. Exposure to the dust may cause serious and permanent respiratory or other injury, including silicosis (a serious lung disease), cancer, and death. Avoid breathing the dust, and avoid prolonged contact with the dust. Allowing dust to get into your mouth or eyes, or lay on your skin may promote absorption of harmful material. Always use properly fitting NIOSH/OSHA approved respiratory protection appropriate for dust exposure, and wash exposed areas with soap and water.

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.
- **Service your power tool periodically.** When cleaning a tool, be careful not to disassemble any portion of the tool since internal wires may be misplaced or pinched.

SAVE THESE INSTRUCTIONS

EXTENSION CORDS

Grounded tools require a three wire extension cord. Double insulated tools can use either a two or three wire extension cord. As the distance from the power supply outlet increases, you must use a heavier gauge extension cord. Using extension cords with inadequately sized wire causes a serious drop in voltage, resulting in loss of power and possible tool damage. Refer to the table shown below to determine the required minimum wire size.

The smaller the gauge number of the wire, the greater the capacity of the cord. For example: a 14-gauge cord can carry a higher current than a 16-gauge cord. When using more than one extension cord to make up the total length, be sure each cord contains at least the minimum wire size required. If you are using one extension cord for more than one tool, add the nameplate amperes and use the sum to determine the required minimum wire size.

Guidelines for Using Extension Cords

- If you are using an extension cord outdoors, be sure it is marked with the suffix "W-A" ("W" in Canada) to indicate that it is acceptable for outdoor use.
- Be sure your extension cord is properly wired and in good electrical condition. Always replace a damaged extension cord or have it repaired by a qualified person before using it.
- Protect your extension cords from sharp objects, excessive heat, and damp or wet areas.

Recommended Minimum Wire Gauge for Extension Cords (120 Volt)						
Nameplate Amperes (At Full Load)	Extension Cord Length					
	25 Feet	50 Feet	75 Feet	100 Feet	150 Feet	200 Feet
0–2.0	18	18	18	18	16	16
2.1–3.4	18	18	18	16	14	14
3.5–5.0	18	18	16	14	12	12
5.1–7.0	18	16	14	12	12	10
7.1–12.0	18	14	12	10	8	8
12.1–16.0	14	12	10	10	8	6
16.1–20.0	12	10	8	8	6	6

SPECIFIC SAFETY RULES FOR DRILL PRESSES

⚠ WARNING: DO NOT LET COMFORT OR FAMILIARITY WITH PRODUCT (GAINED FROM REPEATED USE) REPLACE STRICT ADHERENCE TO PRODUCT SAFETY RULES. If you use this tool unsafe or incorrectly, you can suffer serious personal injury!

- **Make sure the drill press is on a firm, level surface** and properly secured to avoid injury from unexpected movement. Firmly clamp or bolt the drill press to a support surface to prevent slipping or sliding during the operation.
- **Unplug the drill press before making adjustments**, repairs, maintenance or storing.
- **Always switch off the drill press** before unplugging it to avoid accidental starting when re-plugging the tool into a power source.
- **Use recommended speeds for drill accessories** and workpiece material.
- **Allow the motor to come up to full speed** before drilling to avoid binding or stalling.
- **Wear eye protection.** Do not wear gloves, necktie, or loose clothing.
- **Before starting the operation, jog the motor switch** to make sure the drill bit or other cutting tool does not wobble or cause vibration.
- **Keep hands away from work area**. Keep hands away from the bit.
- **Be sure drill bit or cutting tool is securely locked in the chuck.**
- **Always clamp workpiece or brace against column** to prevent rotation. Never use your hand to hold the workpiece while drilling.
- **Make sure the pulley housing cover is down** and the chuck is installed properly before engaging the power switch.
- **Keep bits clean and sharp.** Sharp bits minimize stalling.
- **Lock the switch off** when leaving the drill press.
- **Before starting, be sure chuck key is removed** from the chuck and the motor head and table are locked.
- **Never start the drill press** when the bit or other cutting tool is in contact with the workpiece.
- **Adjust the table or depth stop** to avoid drilling into the table.
- **When using a drill press vise,** always fasten the vise to the table.
- **Do not operate in rain or in damp locations.**
- **Grounding required.**

SAVE THESE INSTRUCTIONS

English

SYMBOLS

Some of the following symbols may appear on this product. Study these symbols and learn their meaning. Proper interpretation of these symbols will allow for more efficient and safer operation of this product.

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
V	Volts	~ or A.C.	Alternating current
A	Amperes	⎓ or D.C.	Direct current
Hz	Hertz		Class II construction Double Insulated construction
W	Watts		Warning symbol. Precautions that involve your safety
n_o	No Load Speed		To reduce the risk of injury, read Operator's Manual before using this product.
kg	Kilograms		Wear safety glasses, ear protection and respiratory protection
H	Hours		Do not dispose with household waste
RPM	Revolutions per minute		Do not touch the running blade
SPM	Strokes per minute		Do not use in wet conditions
OPM	Oscillations per minute		Do not put battery in fire
.../min	Per minute		Battery cannot exceed 59° C

C SA US **This symbol designates that this product is listed with U.S. and Canada requirements by CSA group.**

KNOWING YOUR 10" DRILL PRESS

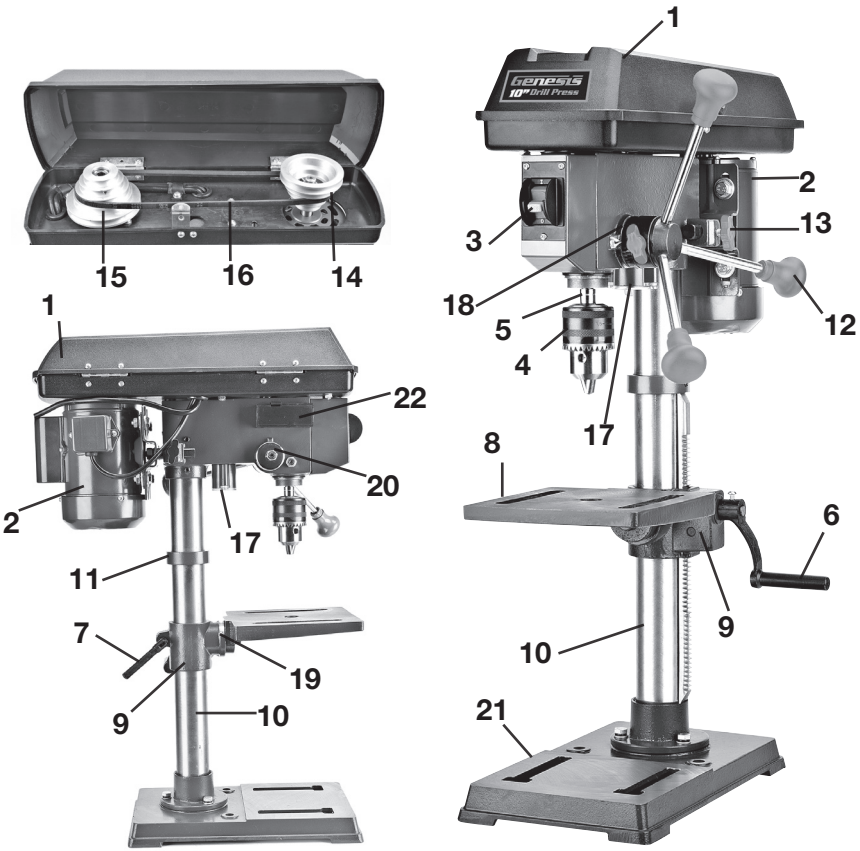


FIG 1

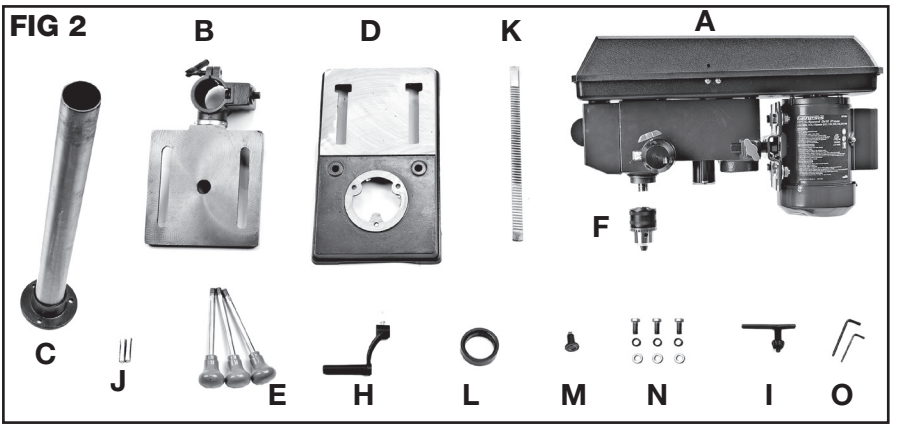
1. Pulley Housing Cover
2. Motor
3. ON/OFF Switch
4. Chuck
5. Spindle
6. Crank Handle
7. Table Support Lock Handle
8. Table
9. Table Support
10. Column
11. Column Ring
12. Feed Handle
13. Tension Lock Screw
14. Motor Pulley
15. Spindle Pulley
16. Belt
17. LED Work Light
18. Depth Scale
19. Bevel Scale
20. Feed Return Spring and Cover
21. Base
22. Battery Compartment for Work Light

UNPACKING AND CONTENT

IMPORTANT: Due to modern mass production techniques, it is unlikely the tool is faulty or that a part is missing. If you find anything wrong, do not operate the tool until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

CONTENTS IN PACKAGE: (FIG 2)

Item	Description	Q'TY	Item	Description	Q'TY
A	Head Assembly	1	I.	Chuck Key	1
B	Table Assembly	1	J.	Batteris	2
C.	Column & Support	1	K.	Rack	1
D.	Base	1	L.	Column Ring	1
E.	Feed Handles	3	M.	Housing Cover Knob	1
F	5/8" Chuck	1	N.	Bolts and Washers	3 Sets
G.	Operator's Manual (not shown)	1	O.	Allen Wrenches	2
H.	Crank Handle	1			



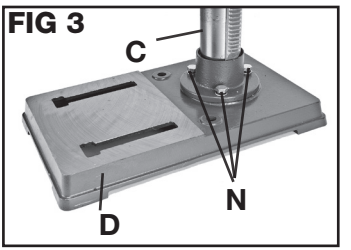
⚠ WARNING: If any parts are missing or damaged, do not attempt to assemble the saw, plug in power cord or turn the switch on until the missing or damaged parts are replaced.

ASSEMBLY

⚠ WARNING: Always be sure that the tool is switched off and unplugged from the power source before adjusting, adding accessories, or checking a function on the tool.

ATTACHING COLUMN TO BASE (FIG 3)

1. Set the Base (D) on a level, flat surface.
2. Place the Column & Support (C) on the Base (D), align the three holes in the column support with the holes in the base.
3. Install a set of Bolts and Washers (N) in each column support hole and tighten with a wrench.



INSTALLING THE TABLE ASSEMBLY (FIG 4,5)

1. Insert the rack (K) into the geared groove of the table support (9). Make sure the rack is engaged with the teeth of the gear.
2. Slide the table support and rack assembly down together onto the column (C). Insert the bottom edge of the rack into the lip of the column support (C1). Hold its position.
3. Place the column ring (L) bevel side down over the rack. Tighten the set screw (L1) with 4mm Allen wrench provided to hold the rack in position.

   NOTE: Make sure there is enough clearance to allow the table to rotate around the column. The ring should sit loosely over the rack.
4. Insert the table support crank handle (H) into the worm shaft (B2). Make sure the set screw is aligned to the flat of the shaft and as close to the table support as possible. Tighten the set screw.
5. Position the table in the same direction as the base. Tighten the table support lock handle (7).

INSTALLING HEAD ASSEMBLY, FEED HANDLES AND CHUCK (FIG 6, 7)

1. With the aid of a second person, carefully lift the head assembly (A) onto the column top.

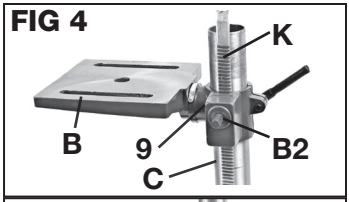
   NOTE: The head assembly is heavy! Use care when lifting onto the column.
2. Rotate head assembly until the sides of the pulley housing cover are parallel with sides of the base.
3. Tighten two set screws (A3) with a Allen wrench until they are snug.
4. Install three down feed handles (E) into the handle hub (A4).
5. Raise the table to approximately 7 inches below spindle assembly, and lock the table in place.
6. Place a piece of scrap wood on the table. (See FIG 7)
7. Thoroughly clean the arbor and chuck (F).
8. Twist the chuck to retract the chuck jaws if they are exposed.
9. Install the chuck (F) onto the spindle.
10. Lower the feed handle so that the chuck meets the scrap wood. Put pressure on the feed handle to seat the chuck onto the spindle.

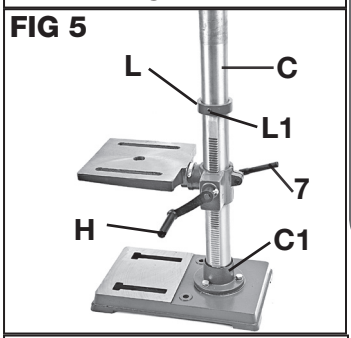
REMOVING THE CHUCK

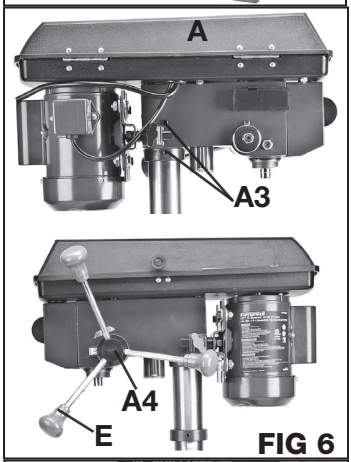
1. Unplug the machine from the power source.
2. Turn the feed handles to lower the chuck to the lowest position.
3. Place a ball joint separator above the chuck and tap it lightly with a hammer to cause the chuck to drop from the spindle.

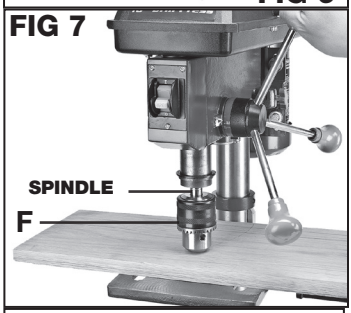
INSTALLING THE BATTERIES FOR THE LED WORK LIGHT (FIG 8)

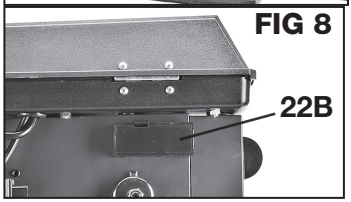
- Turn off the work light.
- Push the tab located on the work light battery compartment cover (22B) down and toward you, then remove it.
- Insert two "AAA" batteries in the work light battery compartment.
- Replace the work light battery compartment cover.











English

ADJUSTMENTS

⚠ WARNING: Always be sure that the tool is switched off and unplugged from the power source before adjusting, adding accessories, or checking a function on the tool.

ADJUSTING SPEEDS AND BELT TENSION (FIG 9, 10)

1. Unplug the machine from the power source.
2. Open the drill press pulley cover (1).
3. Loosen the belt tension knobs (13) on the both sides of the drill press head assembly.
4. Pull the motor (2) as close to the column (C) as possible.
5. Change the belt locations according the speed chart (FIG 10) and speed you desire.
6. Push the motor away from the column (C) to tension the belt.
7. The belt (17) should be tight enough to prevent slippage. Correct tension is set if the belt flexes about 1/2" when thumb pressure is applied at the midpoint of the belt between the pulleys.
8. Tighten the belt tension knobs (13).

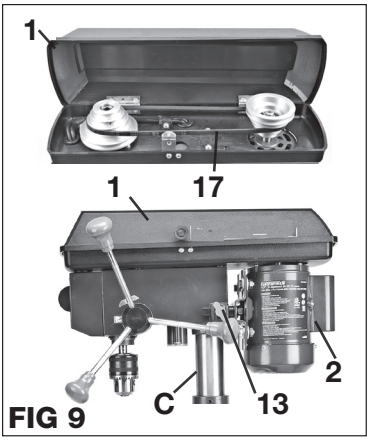


FIG 9

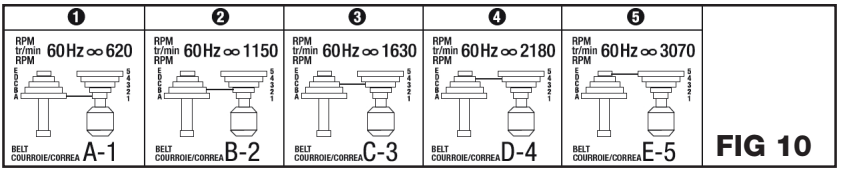


FIG 10

ADJUSTING TABLE HEIGHT (FIG 11)

1. Loosen the table support lock handle (7).
2. Turn the crank handle (6) to raise or lower the table to the desired height.
3. Tighten the lock handle (7) before drilling.

ROTATING THE TABLE ASSEMBLY AROUND THE COLUMN (FIG 11)

1. Loosen the table support lock handle (7).
2. Rotate the table assembly (8) around the column to the desired position.
3. Tighten the lock handle (7) before drilling.

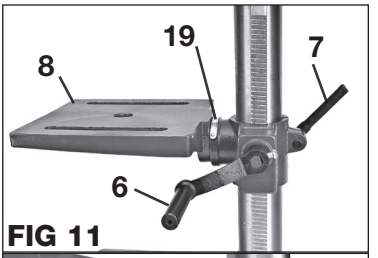


FIG 11

ADJUSTING TABLE BEVEL (FIG 11,12)

The table can be tilted 0° to 45° to the left and right.

1. Loosen the bevel lock bolt (B4) with a wrench.
2. Tilt the table (8) to the desired angle, using the bevel scale (19) as a basic guide.
3. Re-tighten the bevel lock bolt (B4).
4. To return the table to its original position, loosen the bevel lock bolt. Realign the bevel scale (19) to the 0° setting.
5. Tighten the bevel lock bolt (B4) with the wrench.

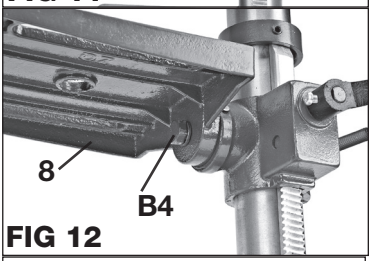


FIG 12

SETTING DRILL DEPTH (FIG 13)

The drill depth scale (18) is located on the hub (A4). See FIG 13. The scale pointer (A5) indicates the spindle travel distance.

To stop the drill at a specific depth for consistent and repetitive drilling:

1. Loosen the depth scale lock (A6)

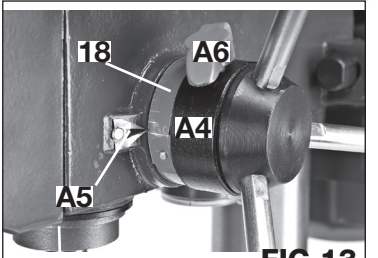


FIG 13

2. Rotate the scale hub (A4) until pointer (A5) is aligned to the desired depth on the scale.
3. Tighten the depth scale lock (A6). The chuck will stop after traveling downward to the distance selected.

ADJUSTING THE RETURN SPRING (FIG 14)

The return spring is adjusted at the factory and should not need further adjustment. If adjustment is deemed necessary:

1. Unplug the machine from the power source.
2. Loose the two jam nuts (A7). Do not remove.
3. Firmly hold the coil spring cover (A8). Pull out the cover and rotate until the pin (A9) on motor head engages the next notch in the cover. Turn the cover clockwise to decrease tension and counterclockwise to increase tension.
4. Tighten two jam nuts. Do not over-tighten. The jam nuts should be tightened against each other.

SQUARING THE TABLE TO THE HEAD (FIG 15)

1. Install a 3" long drill bit into the chuck (4) and tighten.
2. Raise and lock the table (8) about 1" from the end of the drill bit.
3. Place a combination square on the table as shown. The drill bit should be parallel to the straight edge of the square.
4. If an adjustment is needed, loosen the bevel lock bolt (B4-FIG 12) with a wrench.
5. Square the table to the bit by tilting the table.
6. Tighten the bevel lock bolt (B4-FIG 12) when square.

OPERATION

ON/OFF SWITCH (FIG 16)

1. To turn the tool ON, move the switch (3) to the"ON" position.
2. To turn the tool OFF, move the switch (3) to the "OFF" position.
3. To lock the switch in the OFF position, remove the yellow safety key from the switch. Store the key in a safe place.

LED WORK LIGHT SWITCH (FIG 17)

The drill press comes with a built-in LED work light to illuminate work surface. The On/Off switch (22A) is located on the left side of the drill press housing. See figure 17.

- To turn the LED work light On, press the button “I”.
- To turn the LED work light Off, press the button “O”.

INSTALLING OR REMOVING BITS (FIG 18)

⚠ WARNING: To reduce the risk of injury, only use the chuck key provided with this drill press or a duplicate of it. This chuck key is self-ejecting and will “pop” out of the chuck when you let go. This action is designed to help prevent throwing of the chuck key from the chuck when power is turned “ON”. Do not use any other key as a substitute; order a new one if damaged or lost.

To install a drill bit (FIG 18)

1. Unplug the drill press.

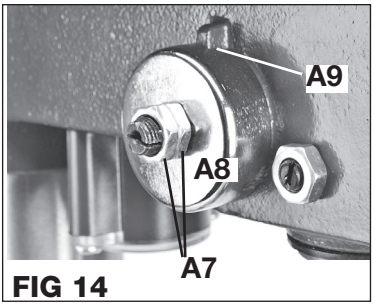


FIG 14

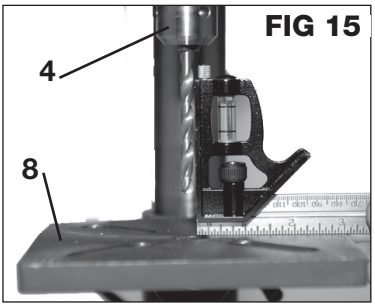


FIG 15

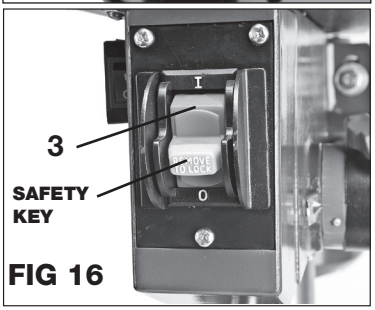


FIG 16

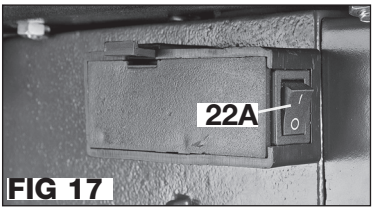


FIG 17

FIG 18

2. Place the chuck key (I) into the side keyhole of the chuck (4), meshing the gear teeth.
3. Turn the chuck key counterclockwise to open the chuck jaws.
4. Insert a drill bit into the chuck far enough to obtain maximum gripping of the chuck jaws.
5. Center the drill bit in the chuck jaws before final tightening of the chuck.
6. Use the chuck key for the final tightening to make sure the drill bit will not slip while drilling.

To remove the bit, reverse the steps listed above.

⚠ WARNING: Make sure the chuck key is removed from the chuck before starting any drilling operation.

APPLICATION

You may use this drill press for the following applications:

1. Drilling in wood.
2. Drilling in ceramics, plastics, fiberglass, and laminates.
3. Drilling in metals.

⚠ WARNING: Read and understand the following items about your drill press before attempting to use it.

POSITION THE TABLE AND WORKPIECE

Always place a piece of backup material (wood, plywood, etc.) on the table underneath the workpiece This will prevent splintering on the underside of the workpiece as the drill bit breaks through. To keep the material from spinning out of control, it must contact the left side of the column, and be clamped to the table.

For small workpieces that cannot be clamped to the table, use a drill press vise (not included). The vise must be clamped or bolted on the table.

⚠ WARNING: Always make sure the workpiece is not in contact with the bit before operating the switch to start the tool. Failure to heed this warning may cause the workpiece to be kicked back toward the operator and result in serious personal injury.

⚠ WARNING: Make sure the chuck key is removed from the chuck before starting any drilling operation.

⚠ WARNING: Always make sure the workpiece is secured to the table by clamps or other clamping devices.

GENERAL DRILLING INSTRUCTIONS

1. Using a clamping device, secure the workpiece to the worktable. If drilling a through hole, place a piece of backup material (wood, plywood, etc.) on the table underneath the workpiece to prevent splintering on the underside of the workpiece. To protect the top surface of the workpiece, use a piece of scrap wood between the vise and the workpiece.
2 Select the proper drill bit based on the hole size desired. For large holes, drill a pilot hole first, using a smaller size bit.
3 Select and set the recommended spindle speed.
4. Set table assembly to desired height.
5. If desired, set feed shaft at desired spindle depth. Refer to "Set Drill Depth" section.
6. Make sure the work table is free of all loose objects and the bit is not in contact with the workpiece.
7. Plug in power supply and turn switch ON. Make sure spindle rotates freely.
8. Slowly lower drill bit into workpiece. Do not force the bit; let the drill press do the work.
9. Once the hole is completed, allow the spindle to return to its normal position.

⚠ WARNING: Make sure the chuck key is removed from the chuck before starting any drilling operation.

DRILLING TIPS

1. If a large hole is needed, it's a good idea to drill a smaller pilot hole before drilling the final one. Your hole will be more accurately positioned, rounder, and the bits will last longer.
2. If the hole is deeper than it is wide, back off occasionally to clear the chips.
3. When drilling metal, lubricate the bit with oil to improve drilling action and increase bit life.
4. Smaller drill bits require greater speed than large drill bits. Softer materials require greater speed than harder materials.
5. If drilling a through hole, make sure place a piece of backup material (wood, plywood, etc.) on the table underneath the workpiece to prevent splintering on the underside of the workpiece.

MAINTENANCE

CLEANING

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.

⚠ WARNING: Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc, come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

Electric tools used on fiberglass material, wallboard, spackling compounds, or plaster are subject to accelerated wear and possible premature failure because the fiberglass chips and groundings are highly abrasive to bearings, brushes, commutators, etc. Consequently, we do not recommend using this tool for extended work on these types of materials. However, if you do work with any of these materials, it is extremely important to clean the tool using compressed air.

LUBRICATION

1. Lower spindle to maximum depth and oil moderately once every three months.
2. Oil the column lightly every two months.

TWO-YEAR WARRANTY

This product is warranted free from defects in material and workmanship for 2 years after date of purchase. This limited warranty does not cover normal wear and tear or damage from neglect or accident. The original purchaser is covered by this warranty and it is not transferable. Prior to returning your tool to store location of purchase, please call our Toll-Free Help Line for possible solutions.

ACCESSORIES INCLUDED IN THIS KIT ARE NOT COVERED BY THE 2 YEAR WARRANTY.

TOLL-FREE HELP LINE

For questions about this or any other GENESIS Product, please call Toll-Free: **888-552-8665**.

Or visit our web site: **www.genesispowertools.com**

Richpower Industries, Inc.
736 Hampton Road
Williamston, SC 29697

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Richpower Industries, Inc.
736 Hampton Road
Williamston, SC USA
www.richpowerinc.com

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