Clarke®

METALWORKER

5-SPEED DRILL PRESS

MODEL NO: CDP102B

PART NO: 6505512

OPERATION & MAINTENANCE INSTRUCTIONS

CE

GC1115

INTRODUCTION

Thank you for purchasing this CLARKE Drill Press.

Before attempting to use this Drill Press please read this manual thoroughly and follow the instructions carefully. In doing so you will ensure the safety of yourself and that of others around you, and you can look forward to your purchase giving you long and satisfactory service.

IMPORTANT

Please read all of the safety and operating instructions carefully before using this product. Please pay particular attention to all sections of these instructions that display warning symbols and notices.

	**WARNING: THIS SYMBOL IS USED THROUGHOUT THE INSTRUCTIONS WHENEVER THERE IS A RISK OF PERSONAL INJURY. ENSURE THAT THESE WARNINGS ARE READ AND UNDERSTOOD AT ALL TIMES.**

ENVIRONMENTAL PROTECTION

Recycle unwanted materials instead of disposing of them as waste. Any tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment.

Recycling packaging reduces the need for landfill and raw materials. Re-use of recycled materials decreases pollution in the environment. Please re-cycle packaging where facilities exist. Check with your local council authority for recycling advice.

GUARANTEE

This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt which will be required as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

GENERAL SAFETY RULES

WARNING: WHEN USING ELECTRIC TOOLS, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK AND PERSONAL INJURY INCLUDING THE FOLLOWING. READ ALL THESE INSTRUCTIONS BEFORE ATTEMPTING TO OPERATE THIS PRODUCT AND SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

GENERAL SAFETY IN THE WORKPLACE

1. ALWAYS ensure that air can circulate around the machine and that the air vents are unobstructed.
2. ALWAYS keep work area clean & tidy. Cluttered work areas and benches invite accidents.
3. NEVER over-reach. Keep proper footing and balance at all times.
4. NEVER store equipment in a wet/damp environment or expose to rain.
5. KEEP other persons away. Do not let persons, especially children, not involved in the work, touch the tool or extension cable and keep them away from the work area.
6. NEVER operate a machine when under the influence of alcohol, drugs or medication.
7. ALWAYS ensure the workplace is well lit. Ensure that lighting is placed so that you will not be working in your own shadow.
8. Do not use power tools in the presence of flammable liquids or gasses.
9. Stay alert, watch what you are doing, use common sense and do not operate the power tool when you are tired.

CARE OF POWER TOOLS

1. Read this manual carefully. Learn the machines applications and limitations, as well as the specific potential hazards peculiar to it.
2. ALWAYS keep guards in place and in working order. A guard or other part that is damaged should be properly repaired or replaced by an authorised service centre, unless otherwise indicated in this instruction manual.
3. Remove any adjusting keys or wrenches before starting. Form the habit of checking to ensure that keys, wrenches and tools are removed from the machine.
4. Don't force the machine and use the correct tools/bits. It will do the job better and safer, at the rate for which it was intended.

5. ALWAYS disconnect the machine from the power supply before carrying out any servicing or changing of accessories.
6. Before further use of the tool, it 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 or other condition that may affect its operation.
7. Have defective switches repaired by your Clarke Service Department. Do not use a tool if the switch does not turn it on and off.
8. ALWAYS check for any damage or any condition that could affect the operation of the machine. Damaged parts should be properly repaired.
9. NEVER remove the cover panel unless the machine is disconnected from the power supply, and never use the machine with cover panels removed.
10. Have your machine repaired by a qualified person. This machine complies with the relevant safety rules. Repairs should only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user.
11. NEVER use this product for any other purpose than that described in this booklet.
12. NEVER abuse the power cable by yanking the cable to disconnect it from the socket. Keep the cable away from heat, oil or sharp edges.
13. Guard against electric shock. Avoid body contact with earthed surfaces.
14. If the machine should be used outdoors, use only extension cables intended for outdoor use and marked accordingly.
15. Avoid accidental starting by making sure the power switch is off before plugging in the power cable.

ADDITIONAL SAFETY RULES FOR DRILL PRESSES

CAUTION: AS WITH ALL MACHINERY, THERE ARE CERTAIN HAZARDS INVOLVED WITH THEIR OPERATION AND USE. EXERCISING RESPECT AND CAUTION WILL CONSIDERABLY LESSEN THE RISK OF PERSONAL INJURY. HOWEVER, IF NORMAL SAFETY PRECAUTIONS ARE OVERLOOKED, OR IGNORED, PERSONAL INJURY TO THE OPERATOR, OR DAMAGE TO PROPERTY MAY RESULT.

1. IMPORTANT: You should not operate this machine unless you are thoroughly familiar with drilling machines and drilling techniques. If there is any doubt whatsoever you should consult a qualified person.
2. NEVER operate the machine until it is completely assembled and you have read and understood this entire manual.

3. ALWAYS use clamps or a drill vice bolted to the table, to hold the work. It should never be held with bare hands.
4. ALWAYS shut off the power & remove drill bit before leaving the machine.
5. ALWAYS make all adjustments with the power off.
6. ALWAYS use the correct drilling speeds for the drill size and the type of material being drilled.
7. NEVER leave the drill unattended whilst it is running. Turn the machine OFF and do not leave until it has come to a complete stop.
8. ALWAYS remove and store the drill bits when you have finished work.
9. NEVER attempt to drill into a workpiece that does not have a flat surface unless a suitable support is used.
10. ALWAYS stop the drill before removing workpieces, work supports or swarf from the table.
11. Keep drills sharp and clean for best and safest performance. Follow instructions for changing accessories.
12. Adjust the table or depth stop to avoid drilling into the table surface.
13. ALWAYS be sure that the drill bit is securely locked in the chuck.
14. NEVER assemble or set up any work on the table while the drill is running.
15. ALWAYS ensure the table lock is tight before starting the drill.
16. Keep handles dry, clean and free from oil and grease.
17. ALWAYS keep hands and fingers away from the drill bit.

WARNING: DUST GENERATED FROM CERTAIN MATERIALS CAN BE HAZARDOUS TO YOUR HEALTH. ALWAYS OPERATE THE DRILL IN A WELL VENTILATED AREA. USE A DUST COLLECTION SYSTEM IF POSSIBLE.

WARNING: THE USE OF ANY ACCESSORY OR ATTACHMENT OTHER THAN ONE RECOMMENDED IN THIS INSTRUCTION MANUAL MAY PRESENT A RISK OF PERSONAL INJURY.

PROTECTIVE CLOTHING

1. Dress properly. Loose clothing or other jewellery may get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.
2. ALWAYS wear safety glasses. (Everyday glasses are not safety glasses.)
3. Wear a face mask if drilling into any material which produces dust.

ELECTRICAL CONNECTIONS

WARNING! READ THESE ELECTRICAL SAFETY INSTRUCTIONS THOROUGHLY BEFORE CONNECTING THE PRODUCT TO THE MAINS SUPPLY.

Before switching the product on, make sure that the voltage of your electricity supply is the same as that indicated on the rating plate. This product is designed to operate on 230VAC 50Hz. Connecting it to any other power source may cause damage.

This product may be fitted with a non-rewireable plug. If it is necessary to change the fuse in the plug, the fuse cover must be refitted. If the fuse cover becomes lost or damaged, the plug must not be used until a suitable replacement is obtained.

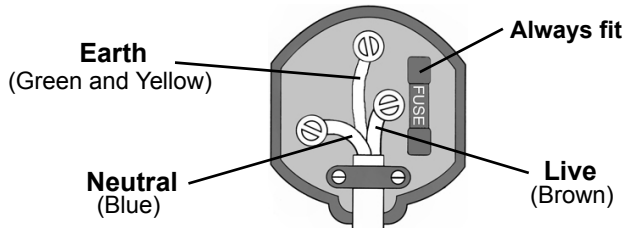
If the plug has to be changed because it is not suitable for your socket, or due to damage, it should be cut off and a replacement fitted, following the wiring instructions shown below. The old plug must be disposed of safely, as insertion into a mains socket could cause an electrical hazard.

WARNING! THE WIRES IN THE POWER CABLE OF THIS PRODUCT ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE: BLUE = NEUTRAL BROWN = LIVE YELLOW & GREEN = EARTH

If the colours of the wires in the power cable of this product do not correspond with the markings on the terminals of your plug, proceed as follows.

- The wire which is coloured **Blue** must be connected to the terminal which is marked **N** or coloured **Black**.
- The wire which is coloured **Brown** must be connected to the terminal which is marked **L** or coloured **Red**.
- The wire which is coloured **Yellow and Green** must be connected to the terminal which is marked **E** or ⏚ or coloured **Green**.

Plug must be BS1363/A approved.

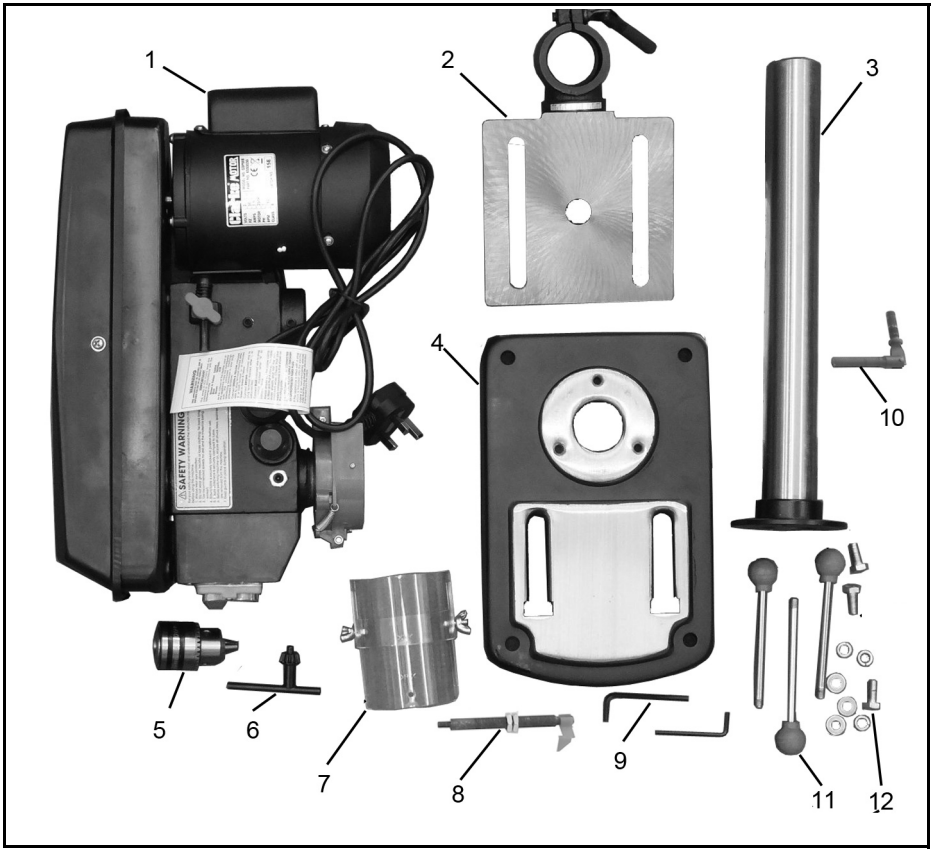


Ensure that the outer sheath of the cable is firmly held by the clamp

We strongly recommend that this machine is connected to the mains supply via a Residual Current Device (RCD)

If in any doubt, consult a qualified electrician. DO NOT attempt any repairs yourself.

PRODUCT OVERVIEW



NO	DESCRIPTION
1	Head & Motor Assembly
2	Table
3	Column
4	Base
5	Chuck
6	Chuck Key

NO	DESCRIPTION
7	Chuck Guard Assembly
8	Depth Stop Assembly
9	Hex Key (3mm and 4mm)
10	Table Locking Handle
11	Feed Handles (x 3)
12	Bolts (x 3)

UNPACKING

The drill press is delivered with the components shown on page 7.

Check the parts against the list on page 7. Should there be any deficiencies or damage, you should contact your CLARKE dealer immediately where the product was originally purchased. Do not discard the packaging until the machine is assembled. The packaging consists of cardboard and appropriately marked materials which can be sent to a re-cycling facility.

To protect the machine parts from moisture, a protective coating of light machine oil will have been applied to the outside surfaces. Remove any excess with a paper towel.

Take care when lifting the head assembly, considering its weight.

ASSEMBLY

This machine is designed for bench mounting and before use, it should be mounted and securely bolted to a strong, heavy workbench, of sufficient height that you will be standing upright when working.

Ensure the work place is adequately lit, and that you will not be working in your own shadow.

COLUMN TO BASE

Bolt the column to the base with the bolts and washers provided.

NOTE: Ideally, the base with column attached, should be firmly bolted to the workbench prior to the assembly of other components.

TABLE TO COLUMN

1. Thread the table locking handle into the table support and leave it loose at this stage.
2. Slide the table support with the table, over the column as shown in Fig 1, and allow it to rest against the base.

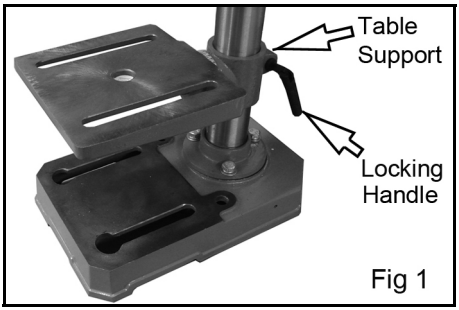


Fig 1

HEAD TO COLUMN

1. Lift the head assembly and locate it on top of the column, ensuring it slides home fully.

   NOTE: It may be necessary to unscrew both the head locking set screws slightly, to ensure they do not protrude internally, as this would prevent the head from sliding fully into position.

2. Align the head with the base, and firmly secure it to the column with the set screws as shown in Fig 2. Tighten with the hex key supplied.

3. Screw the three feed handles firmly into the hub as shown in Fig 3.

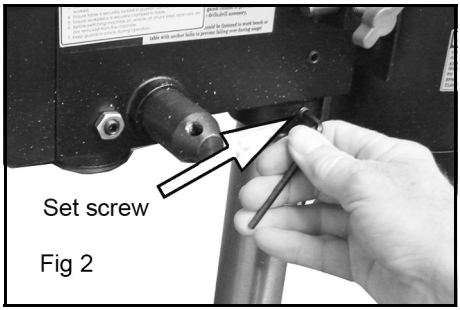


Fig 2

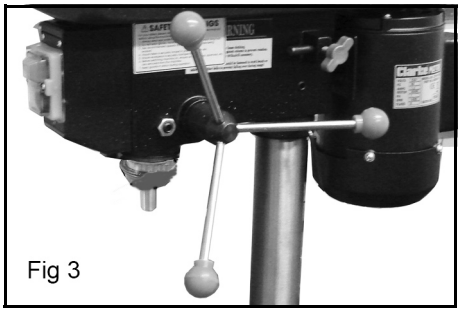


Fig 3

CHUCK GUARD ASSEMBLY

This must be fitted before the chuck is installed.

1. Slide the chuck guard assembly over the drive spindle and tighten the pinch bolt at the rear of the assembly shown in Fig 4.

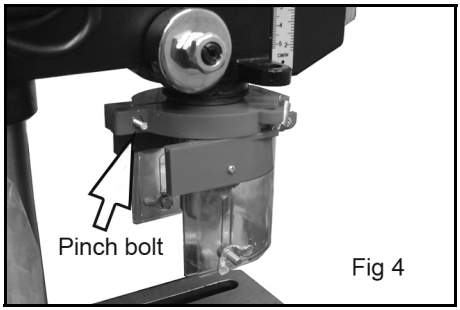


Fig 4

ASSEMBLING THE DEPTH STOP

1. Slide the end of the threaded rod through the bracket on the side of the head, then through a washer and through the hole in the top of the chuck guard support as shown in Fig 5.

2. Secure with the nut from beneath, locking the depth stop to the chuck guard and the spindle assembly. (In use, as the spindle is moved downwards, the depth stop will move by the same amount).

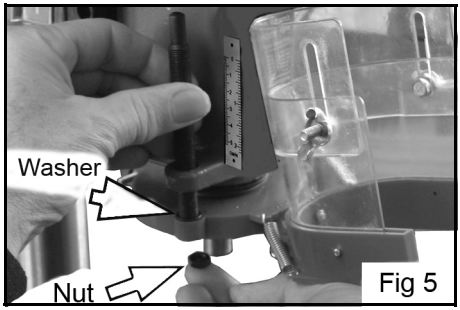


Fig 5

3. Add the two adjustment locknuts nuts to the depth stop and slide the pointer to the tip of the stop rod as shown in Fig 6.
    - The pointer may be zeroed by sliding it up or down on its mounting.

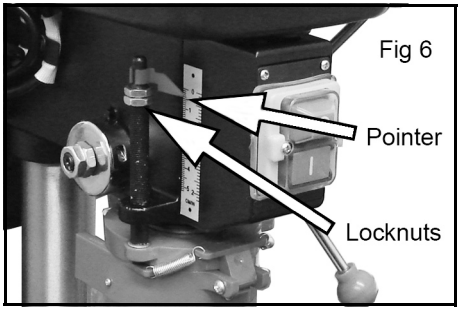


Fig 6

INSTALLING THE CHUCK

1. With the chuck guard lifted clear of the spindle, slide the work table up the column to within 6" of the spindle.
2. Fully open the jaws of the chuck using the chuck key supplied.
3. Put a piece of scrap wood on the table to protect the chuck nose as shown in Fig 7.

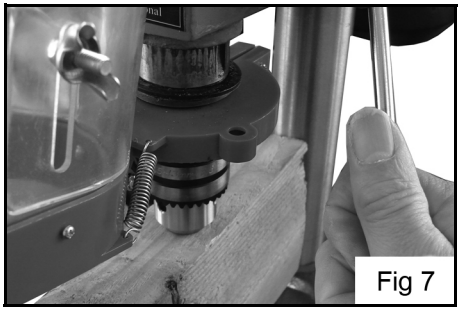


Fig 7

4. Ensuring all parts are thoroughly clean, dry, and burr free, place the chuck over the end of the spindle and pull the spindle down using the feed handles. Press the chuck jaws hard against the piece of scrap wood until the chuck is forced home. Discard the scrap wood.
5. When the chuck is installed, turn the chuck guard around so that the shield is facing the front and tighten the pinch bolt to align the guard.

TENSIONING THE DRIVE BELT

The drive belt is pre-installed as in Fig 8, but should it require tensioning, proceed as follows:

1. Open the cover to access the belt.
    - Tension is correct when the belt deflects by approx. ½" at its centre, when using reasonable thumb pressure.

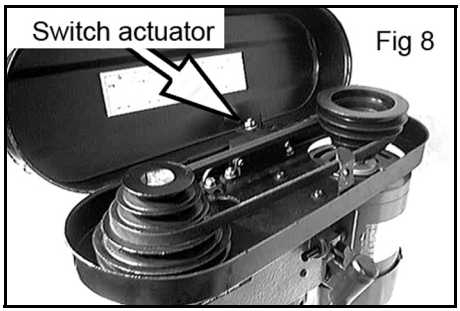


Fig 8

2. To adjust the belt, undo the belt tension locking knob shown in Fig 9, to relieve the tension on the belt.

3. Lever the motor/bracket, away from the head, so that tension is applied to the belt.
4. Lock the motor in this position using the locking knob.

NOTE: If the belt slips whilst drilling, re-set the belt tension.

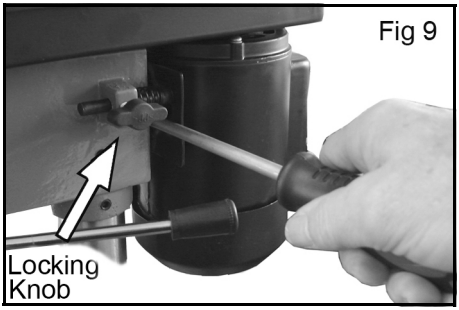


Fig 9

IMPORTANT: When closing the cover, check the operation of the safety switch. It should operate as soon as the cover is unfastened. Undo the switch actuator fixing screw shown in Fig 8 and adjust if necessary.

SETTINGS AND ADJUSTMENTS

TABLE

The table may be raised, lowered or swivelled around the column, by slackening off the table support locking handle, adjusting accordingly and re-tightening the handle.

It may also be tilted by loosening the bolt beneath the table, tilting the table to the required position and re-tightening the bolt shown in Fig 10.

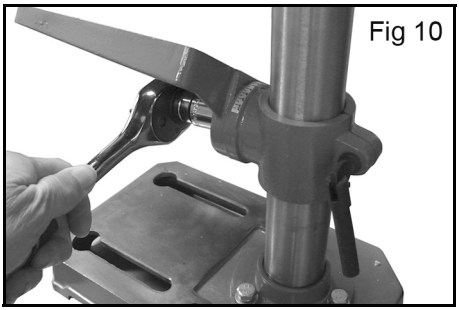


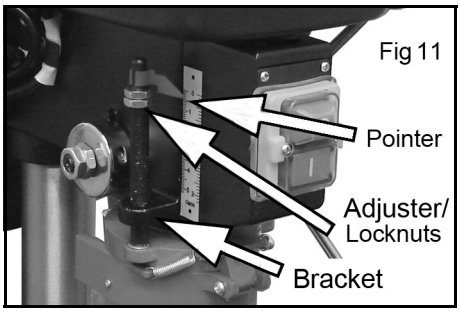
Fig 10

A bevel scale is provided on the table mounting, (measured in degrees), to assist in setting the required angle. However, for greater accuracy, the use of a protractor is recommended.

For all normal operations, the table should be set to 0°. To check to ensure the drill is entirely perpendicular to the table, install a large drill bit in the chuck, place a set-square on the table, and bring it up to the drill. Adjust the table if necessary, so that it is perfectly level.

SPINDLE DEPTH STOP

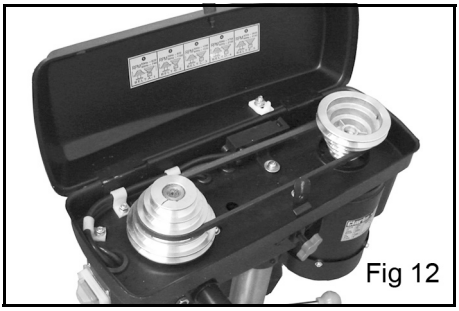
To set the depth of the hole, adjust the depth stop as follows:



1. Lower the chuck with the power OFF, until the drill bit touches the surface of the workpiece, and hold it in that position.
2. Spin down the adjuster & locknut so that the gap between the underside of the locknut and the top of the bracket (Fig 11) is equal to the depth of the hole required.
3. Screw down the lock nut and lock it against the adjuster nut.
4. The drill is now set to drill holes to your pre-determined depth. Providing the surface of your workpiece is flat and level, you may drill a series of holes, each to the same depth.

The scale and pointer can be used when drilling individual holes. The pointer moves along the scale to indicate the depth. Lower the chuck until the drill bit touches the work and note the starting position of the pointer.

CHANGING DRILL SPEED



1. Open the pulley cover.
2. Slacken the belt tension locking knob to relieve tension on the drive belt.
3. Consult the chart inside the pulley cover or the table on page 13, and set the belt on the pulleys according to the spindle speed required.
4. When the belt has been correctly positioned, re-tension by levering the motor away from the head until the belt deflects by approx. ½" at its centre when using reasonable thumb pressure.
5. Lock the motor in this position with the belt tension locking knob.

DRILL SPEED CHART

The table below gives the belt arrangement for given drill speeds.

A similar chart is also located on the inside of the pulley cover.

SPINDLE SPEED	BELT POSITION
620 rpm	1-A
920 rpm	2-B
1280 rpm	3-C
1750 rpm	4-D
2620 rpm	5-E

OPERATION

1. Insert the drill bit into the jaws of the chuck by approx 1", ensuring that the jaws do not touch the flutes of the drill bit. Before tightening the chuck, ensure that the drill bit is centred within the jaws.
2. Ensure the table height and position is set, so that drill travel is sufficient for the job in hand.
3. Ensure the work is securely clamped or held in a drill vice, bolted to the table. Never hold it with bare hands. Personal injury may be caused if the workpiece is whipped out of the operators hand, and cause damage to anything it strikes.
4. If the workpiece is of irregular shape and cannot be laid flat on the table, it should be securely blocked and clamped.

5. Any tilting, twisting, or shifting results not only in a rough hole, but also increases drill bit breakage.
6. For small workpieces that cannot be clamped to the table, use a drill press vice. The vice must be clamped or bolted to the table.
7. When drilling completely through wood, always position a piece of scrap wood between the workpiece and the table to prevent splintering on the underside of the workpiece as the drill breaks through. The scrap piece of wood must make contact with the left side of the column as shown in Fig 12 to prevent it moving.


Fig 12

8. In addition, set the depth of drill travel so that the drill cannot possibly come into contact with the table, or align the table so that the hole in its centre is in line with the drill bit.
9. Form the habit of checking to see that the chuck key is removed from the machine before switching it on.
10. When completely satisfied that the setup is correct, lower the chuck guard into position and switch the machine on.
    - Press the 'I' button to switch on.
    - Push the 'O' button to switch off. See Fig 13.

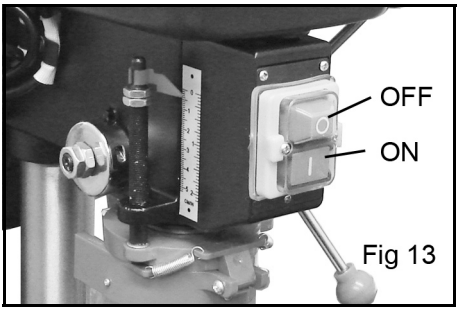


Fig 13

NOTE: As a safety feature, the ON/OFF switch is a 'No Volt Release' type. Therefore, if the power is interrupted whilst the machine is switched ON, it will not automatically start when the power is restored.

11. Slowly turn the feed handles to bring the drill bit down towards the table and into your workpiece. When drilling, ease the drill bit back up to clear swarf away as required. After drilling, release the feed handles slowly to return the machine to its starting position.

DRILL PRESS VICES

In order to secure the workpiece to the table, a selection of Clarke drill press vices, cross vices and clamps are available.

DRILLING SPEEDS

Factors which determine the best speed to use in any drill press operation are:

- Type of material being worked
- Size of hole
- Quality of cut desired
- Type of drill

Generally, the smaller the drill, the greater the required speed. In soft material, the speed should be higher than for hard metals.

As a guide, the drill speed for a given drill bit size, is according to the table below:

Speed Range	**(rpm)**	**2620**	**1750**	**1280**	**920**	**620**
Wood	inches mm	3/8 9.5	5/8 16	7/8 22	1 25.	1.1/4 31.75
Aluminium, Brass & Zinc Diecast	inches mm	7/32 5.6	11/32 8.75	15/32 12	1/2 12.7	11/16 17.5
Iron & Mild Steel	inches mm	3/32 2.4	5/32 4	1/4 6.4	3/8 9.5	1/2 12.5

MAINTENANCE

For maximum performance, it is essential that the machine is properly maintained. Always inspect it before use. Any damage should be repaired, and faults rectified. Always unplug from the power supply before carrying out any adjustment, servicing or maintenance.

Please refer to the troubleshooting chart on page 17. If you are unable to rectify any faults, please contact your local dealer or Clarke International Service department for assistance.

MONTHLY (IF IN CONSTANT USE)

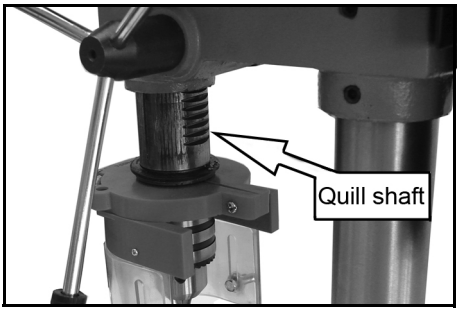
1. Check tightness of mounting bolts, and the head and column securing set screws.
2. Check the drive belt for wear, and replace if frayed or damaged.
3. Blow out with compressed air, or vacuum clean out, any dust that may have accumulated in the motor fan vents.
4. Apply a thin coat of wax paste or light oil to the table and column, for lubrication, and to help prevent corrosion.

If the mains lead is damaged in any way it should be replaced immediately.

LUBRICATION

All bearings are packed with grease at the factory and require no further lubrication.

Occasionally, lubricate the quill shaft assembly with light oil if required.



AFTER USE

1. Remove all swarf from the machine and thoroughly clean all surfaces.
2. Components should be kept dry, with machined surfaces lightly oiled.
3. Always remove drill bits and store in a safe place.

TROUBLE SHOOTING

PROBLEM	PROBABLE CAUSE	REMEDY
Noisy operation (under load).	a. Incorrect belt tension. b. Dry spindle. c. Loose pulley. d. Loose belt. e. Worn bearing.	a. Adjust tension. b. Remove spindle and quill assembly and lubricate. c. Tighten pulley. d. Adjust belt tension. e. Replace bearing.
Excessive drill wobble.	a. Loose chuck. b. Worn spindle or bearing. c. Worn chuck. d. Bent drill bit.	a. Tighten by pressing chuck down on to a block of wood against the table. b. Replace spindle shaft or bearing. c. Replace chuck. d. Renew drill bit.
Motor won't start.	a. Power supply. b. Motor connection. c. NVR switch connection faulty. d. Faulty switch. e. Motor windings burned. f. Pulley cover not closed. g. Micro switch on cover not operating.	a. Check power cord/fuse. b. Check motor connections. c. Check switch connections. d. Replace switch. e. Replace motor. f. Close pulley cover. g. Check operation of micro switch, and renew/adjust as necessary. (Consult your Clarke dealer for advice).
Drill binds in work-piece.	a. Excessive feed pressure b. Loose belt. c. Loose drill. d. Incorrect bit speed. e. Drill angles incorrect for type of material.	a. Apply less pressure. b. Check belt tension. c. Tighten drill with key. d. Refer to Cutting Speed chart and adjust drill speed accordingly. e. Consult a technical manual dealing with materials, drills and cutting angles, and sharpen drill accordingly.

Drill bit burns or smokes.	a. Incorrect speed. b. Swarf is not discharging c. Dull drill or not proper clearance for material. d. Needs coolant. e. Excessive feed pressure	a. Refer to Cutting Speed chart & adjust drill speed accordingly. b. Clean drill. c. Check sharpness & taper. d. Use coolant whilst drilling. e. Apply less pressure.
Table difficult to raise.	a. Needs lubrication. b. Table lock tightened.	a. Lubricate with light oil. b. Loosen clamp.

SUITABLE ACCESSORIES

Drill Press Vices available from your Clarke dealer include:

Model	Jaw Width	Max Opening	Depth	Weight	Part No
CDV30C	76 mm	78 mm	19 mm	2 kg	6504019
CDV40C	102 mm	97 mm	28 mm	3 kg	6504020
CDV50C	127 mm	125 mm	37 mm	5 kg	6504021
CDV60C	152 mm	150 mm	38 mm	6 kg	6504022

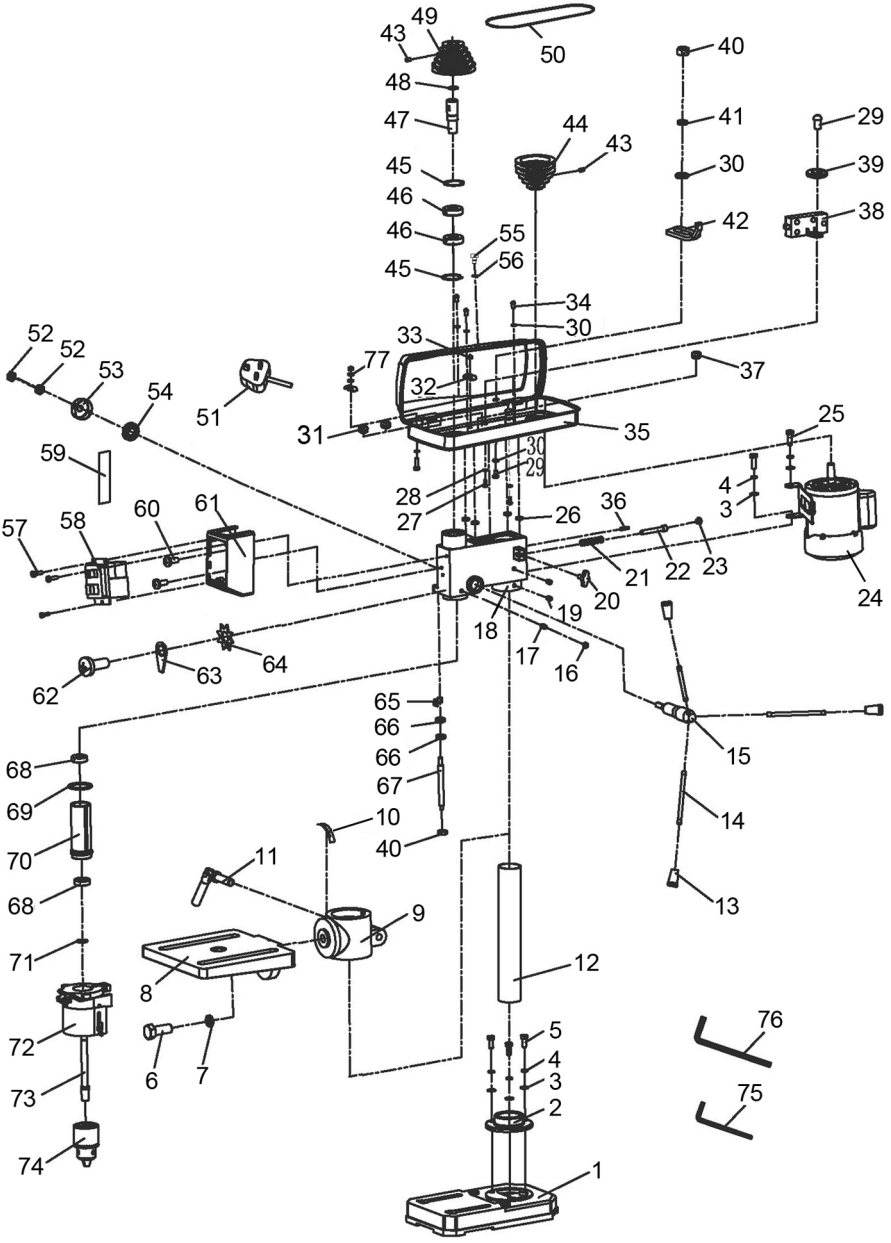
Table Clamps available from your Clarke dealer include:

Model	Size	Max Clamp Height	Part No
CVC6	152 mm	38 mm	6501920
CVC9	229 mm	95 mm	6501925

SPECIFICATION

Operating Temperature Range	-10°C - 40°C
Drill Chuck Capacity	1.5 - 13 mm
Overall Dimensions (D x W x H)	420 x 222 x 586 mm
Table Dimensions	160 x 160 mm
Base Dimensions	180 x 290 mm
Spindle to Column Distance	115 mm
Chuck to Table Distance	170 mm
Table Travel (Y axis)	360°
Table Travel (Tilt)	45° from horizontal
Spindle Speed Range	620 - 2620 rpm
No of Speeds	5
Motor Duty Cycle	S2 30 min
Spindle Taper	MT2
Spindle Travel	50 mm
Product Weight	15.05 kg
Power Supply	230Vac/50Hz/1ph
Power Rating	350 W
Input Current	1.5 A
Sound Pressure Level	63 dB LWA
Sound Power Level	76 dB LWA
Uncertainty Factor	3
Hand/Arm Vibration Level	<1.1m/s^2
Measured Hand/Arm Vibration	0.34m/s^2

PARTS DIAGRAM



PARTS LIST

No	Description
1	Base
2	Column Flange
3	Flat Washer
4	Spring Washer
5	Hex Bolt M8x20
6	Hex Bolt M12x30
7	Spring Washer
8	Working Table
9	Table Support
10	Angle Label
11	Locking Handle
12	Column
13	Handle Tip
14	Handle
15	Gear Shaft
16	Nut
17	Screw M8x12
18	Housing
19	Hex Socket Head Screw M8x8
20	Wing Knob
21	Motor Spring
22	Motor Push Knob
23	Washer
24	Motor
25	Outside Hex Bolt
26	Damping Washer
27	X-Head Screw M5x16
28	Flat Washer
29	X-Head Screw M6x16
30	Flat Washer

No	Description
31	Protective Ring
32	Cable Clamp
33	Nut
34	X-Head Screw M6x10
35	Pulley Cover Assembly
36	Roll Pin
37	Protective Ring
38	Micro Switch
39	Flat Washer
40	Nut
41	Spring Washer
42	Micro Switch Pressing Claw
43	Hex Socket Set Screw M6x10
44	Motor Pulley
45	Circlip 40
46	Bearing 6203
47	Keyway Spindle
48	Circlip 22
49	Spindle Pulley
50	Drive Belt
51	Plug and Cable
52	Nut
53	Spring Cover
54	Spring
55	Screw
56	Circlip 6
57	X-Head ST Screw
58	Switch
59	Calibration Label
60	X-head screw

PARTS LIST

No	Description
61	Switch Box
62	X-head screw
63	Earthed Connection
64	Tooth Locking Washer
65	Indicator
66	Nut
67	Depth Stop Bolt
68	Bearing 6201
69	Washer

No	Description
70	Spindle Socket
71	Circlip 12
72	Chuck Guard
73	Main Spindle
74	Chuck
75	Hex Wrench S3
76	Hex Wrench S4
77	Spring Washer

When ordering spare parts, please quote the reference YYCDP102B01 onwards. e.g. Depth Stop Bolt will be YYCDP102B67

DECLARATION OF CONFORMITY

CE

Clarke® INTERNATIONAL

Hemnall Street, Epping, Essex CM16 4LG

DECLARATION OF CONFORMITY

This is an important document and should be retained.

We hereby declare that this product(s) complies with the following directive(s):

2004/108/EC *Electromagnetic Compatibility Directive.*

2006/42/EC *Machinery Directive.*

2011/65/EU *Restriction of Hazardous substances.*

The following standards have been applied to the product(s):

EN 61029-1+A11:2010, EN ISO 12100:2010, EN 55014-1+A2:2011, EN 55014+A2:2008, EN 61000-3+A2: 2009, EN 61000-3-3:2008.

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned directive(s) has been compiled and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in: 2011

Product Description:	Bench and Floor Standing Drill Presses
Model number(s):	CDP102B, CDP152B, CDP202B, CDP302B, CDP352F, CDP452F, CDP502F
Serial / batch Number:	N/A
Date of Issue:	09/10/2015

Signed:

.....

J.A. Clarke
Director

Drill Press D O C (rv2)

Page 1 of 1

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