

A SELECTION FROM THE VAST RANGE OF

Clarke® QUALITY PRODUCTS



AIR COMPRESSORS

From DIY to industrial. Plus air tools, spray guns and accessories.

GENERATORS

Prime duty or emergency standby for business, home and leisure.

POWER WASHERS

Hot and cold, electric and engine driven - we have what you need.

WELDERS

Mig, Arc, Tig and Spot. From DIY to auto/industrial.

METALWORKING

Drills, grinders and saws for DIY and professional use.

WOODWORKING

Saws, sanders, lathes, mortises and dust extraction.

HYDRAULICS

Cranes, body repair kits, transmission jacks for all types of workshop use.

WATER PUMPS

Submersible, electric and engine driven for DIY, agriculture and industry.

POWER TOOLS

Angle grinders, cordless drill sets, saws and sanders.

STARTER/CHARGERS

All sizes for car & commercial use.

Clarke® WOODWORKER



BELT/DISC SANDER

MODEL NO: CS4-6C

PART No: 6500401

OPERATION & MAINTENANCE INSTRUCTIONS



Clarke® INTERNATIONAL

For spare parts and servicing, please contact your nearest dealer, or Clarke International on

020 - 8988 - 7400

e-mail: Parts@clarkeinternational.com e-mail: Service@clarkeinternational.com
Hemnall Street, Epping, Essex CM16 4LG

Clarke® INTERNATIONAL

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PARTS & SERVICE CONTACTS

For Spare Parts and Service, please contact your nearest dealer,
or CLARKE International, on one of the following numbers.

PARTS & SERVICE TEL: 020 8988 7400

PARTS & SERVICE FAX: 020 8558 3622

or e-mail as follows:

PARTS: Parts@clarkeinternational.com

SERVICE: Service@clarkeinternational.com



When disposing of this product, do not dispose of with general waste. It must be disposed of according to the laws governing Waste Electrical and Electronic equipment, at a recognised disposal facility.

Clarke® INTERNATIONAL



DECLARATION OF CONFORMITY

We declare that this product complies to the following standards/directives:

■ 98/37/EEC

Product Description: BELT & DISC SANDER

Model Number: CS4-6C

Serial (Batch) No: See Product Data Plate

Signed

Clarke® INTERNATIONAL
Hennall Street, Epping, Essex CM16 4LG

PARTS LIST cont.

Item	Description	Part No
35	Table	UT819487
36	Support, Table	UT819490
37	Label, Scale	UT819459
38	Cord W/Plug	UTB19463
39	Motor (1/3 HP)	UT821587
40	Connector, Wire	UT375007
41	Nut, Hex M6 x 1.0	UT840610
42	Base	UT819498
43	Belt, Drive	UT8140023
44	Screw Flat M5	UT8202352
45	Washer, Countersunk	UT821586
46	Drive Pulley	UT8215851
47	Screw, Pan Hd. M6 x 1.0-2.5	UT8202441
48	Washer, M6 x 12 x 1.6	UT851006
49	Pulley, Drive	UT821585
50	Screw, Flat Hd. M5 x 0.8-25	UT8102351
51	Support, Bearing	UT819473
52	Pulley Cover Plate	UT819474
53	Pulley Cover	UT819482
54	Nut, Square M8 x 1.25	UT8202584
55	Bumper, Rubber	UT820779
56	Screw M8 x 1.25	UT820239
57	Bearing Ball	UT814101
58	Ring, Retaining M12	UT820242
59	Shaft, Drive	UT821589
60	Nut, Hex M5 x 0.8	UT821557
61	Spacer, Guide	UI619465
62	Spring, Index	UT63658
63	Guide, Drum	UT821582
64	Shaft, Idler	UT821581
65	Drum, Idler	UT819475
66	Lever, Tension	UT819470
67	Spring, Tension	UT819468
68	Spacer, Lever	UT819471
69	Washer, MS x 15 x 1.2	UT851005
70	Mitre Gauge	UT9999

Thank you for purchasing this CLARKE Belt and Disk Sander designed for hobby/
DIY, indoor use, and for sanding wood or wood products ONLY.

Before attempting to use the sander, 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 the sander giving you long and satisfactory service.

These instructions should be retained and used for reference by all those who use the equipment.

CLARKE GUARANTEE

This CLARKE product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt 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.

SPECIFICATIONS

Motor	230V, 50Hz, 1ph
Motor Power	300Watts
Motor Speed	2800RPM
Fuse Rating	5Amp
Sand Disk Size	5 inch (127mm)
Belt Disk Size	1 inch (25mm)
Belt Speed	13.5M/s
Dust Extraction Port OD	17/8" (47mm)
Net Weight	8kg
Dimensions (LxWxH)	360x280x390mm
Insulation Class	B
Part No:	6500403

Please note that the details and specifications contained herein, are correct at the time of going to print. However, CLARKE International reserve the right to change specifications at any time without prior notice.

SAFETY PRECAUTIONS

⚠️ WARNING: ⚠️

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. **ALWAYS** Learn the machines applications, limitations and the specific potential hazards peculiar to it. Read and become familiar with the entire operating manual.
2. **ALWAYS** use a face or dust mask if operation is particularly dusty.
3. **ALWAYS** check for damage. Before using the machine, any damaged part, should be checked to ensure that it will operate properly and perform its intended function. Check for alignment of moving parts, breakage of parts, mountings and any other condition that may affect the machines operation. Any damage should be properly repaired or the part replaced. If in doubt, **DO NOT** use the machine. Consult your local dealer.
4. **ALWAYS** disconnect the machine from the power supply before servicing and when changing accessories.
5. **ALWAYS** wear safety goggles, manufactured to the latest European Safety Standards. Everyday eyeglasses do not have impact resistant lenses, they are not safety glasses.
6. **ALWAYS** keep work area clean. Cluttered areas and benches invite accidents.
7. **ALWAYS** ensure that adequate lighting is available. A minimum intensity of 300 lux should be provided. Ensure that lighting is placed so that you will not be working in your own shadow.
8. **ALWAYS** keep children away. All visitors should be kept a safe distance from the work area, especially whilst operating the machine.
9. **ALWAYS** maintain machine in top condition. Keep tools/machines clean for the best and safest performance. Follow maintenance instructions.
10. **ALWAYS** handle with extreme care do not carry the tool/machine by its' electric cable, or yank the cable to disconnect it from the power supply.
11. **ALWAYS** ensure the switch is off before plugging in to mains. Avoid accidental starting.
12. **ALWAYS** concentrate on the job in hand, no matter how trivial it may seem. Be aware that accidents are caused by carelessness due to familiarity.
13. **ALWAYS** keep your proper footing and balance at all times - don't overreach. For best footing, wear rubber soled footwear. Keep floor clear of oil, scrap wood, etc.

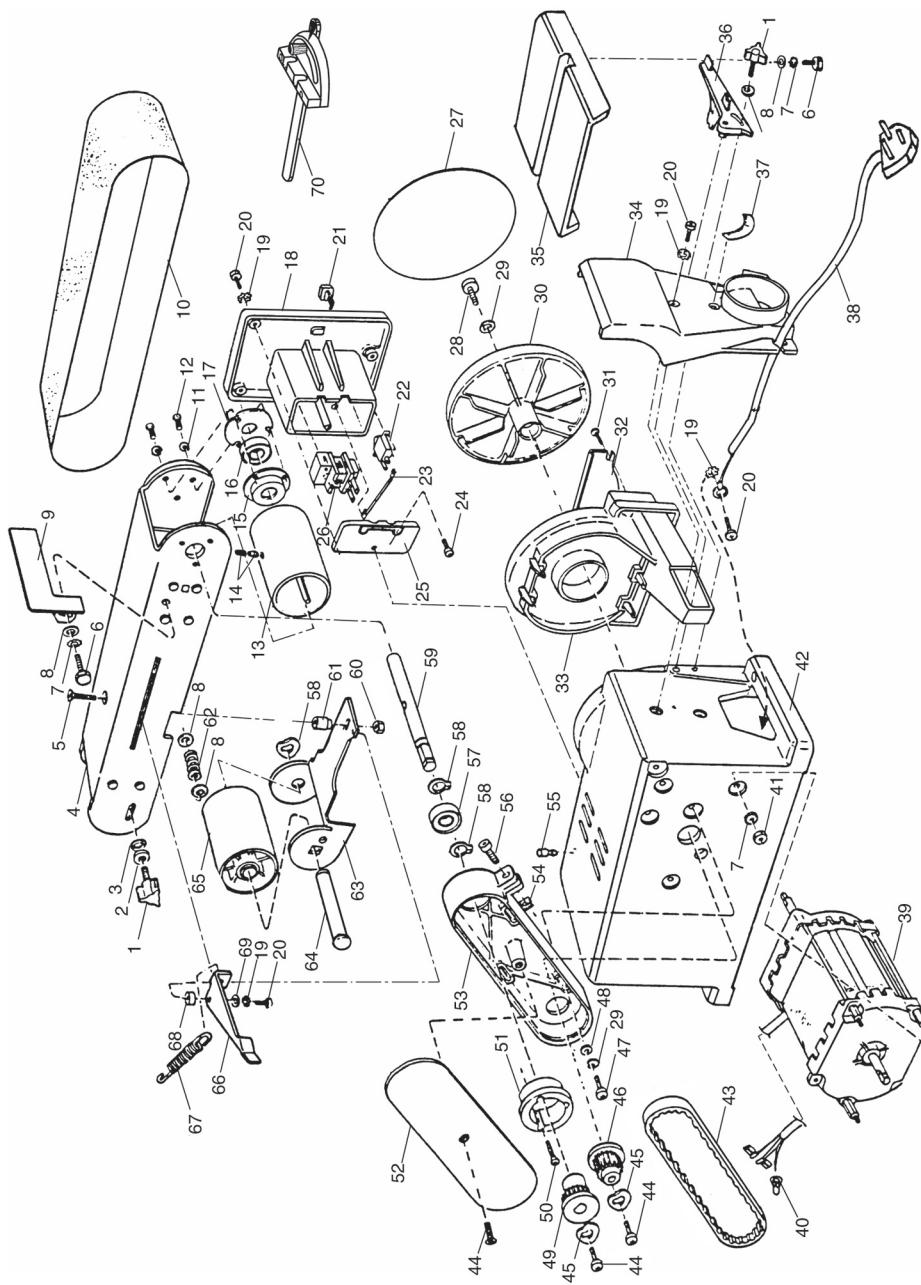


PARTS LIST

WARNING: The use of spare parts, other than those supplied by CLARKE International or one of its recognised dealers, may be hazardous and could invalidate the guarantee.

Item	Description	Part No
1	Knob	UT820247
2	Washer, Rubber	UT820175
3	Washer, Shakeproof	UT821156
4	Bed	UT819496
5	Screw, Flat Cross M5 x 0.8-35	UT820235
6	Screw, Hex M6 x 1.0-12	UT820249
7	Lockwasher, Ext. M6	UT852006
8	Washer, 6.5 x 17.8 x 1.6	UT820238
9	Support, Work	UT819481
10	Belt, Sanding 4" x 36"	UT928394
11	Lockwasher, Helical M5	UT8203834
12	Screw, Pan Hd MS x 0.8-8	UT8202401
13	Drum, Drive	UT819476
14	Screw, Socket Set M6 x 1.0-10	UT8203822
15	Cap, Bearing	UT820243
16	Bearing, Ball	UT821584
17	Spacer, Bearing	UT820618
18	Housing Switch	UT819491
19	Lockwasher, Ext. MS5	UT852005
20	Screw, Pan Hd. MS x 0.8-1	UT820240
21	Key, Switch	UT922256
22	Switch, Locking	UT816113
23	Lead	UT819461
24	Screw, Pan Cross	UT8202481
25	Cover, Switch Box	UT819479
26	Relay	UT814589
27	Pad, 6" Sandpaper	UT928308
28	Screw, Pan Cross M6 x 1.0-12	UT820244
29	Lockwasher Helical M6	UT8203835
30	Disc	UT821588
31	Screw, Pan Hd Type "AB" M4.2 x 1.4-12	UT820248
32	Guard, Disk	UT819484
33	Shroud Disk	UT819497
34	Collector, Dust	UT819495

PARTS DIAGRAM



14. **ALWAYS** wear proper apparel. Loose clothing or jewellery may get caught in moving parts. Wear protective hair covering to contain long hair.

15. **ALWAYS** guard against electric shock. Avoid contact with earthed surfaces..pipes, radiators etc.

16. **NEVER** operate machine while under the influence of drugs, alcohol or any medication.

17. **NEVER** leave machine running unattended. Turn power off. Do not leave the machine until it comes to a complete stop.

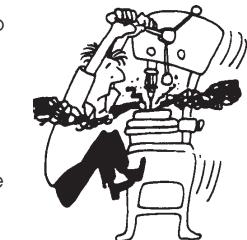
18. **NEVER** force the machine, it will do a better and safer job at the rate for which it was designed.

19. **NEVER** use power tools in damp or wet locations or expose them to rain. Keep your work area well illuminated. Do not use in an explosive atmosphere (around paint, flammable liquids etc.). Avoid dangerous environments.



ADDITIONAL PRECAUTIONS FOR BELT AND DISK SANDERS

1. **ALWAYS** wear ear protectors/defenders when using this machine.
2. **ALWAYS** wear a dust mask when using this machine. Be aware that harmful or toxic dusts could be produced when sanding some woods, lead paint etc.
3. **ALWAYS** use the sandbelt support or table to support the workpiece.
4. **ALWAYS** check to ensure the table, sand belt support and attachments are secure before starting.
5. **ALWAYS** maintain a clearance of 2-3mm between table and sanding belt or disc.
6. **ALWAYS** hold the workpiece firmly so that it cannot be ripped from your hands
7. **ALWAYS** feed the workpiece against the direction of rotation of the disc. i.e the LEFT side of the disk
8. **ALWAYS** keep the mains cable well away from the machine and ensure an adequate electrical supply is close at hand so that the operation is not restricted by the length of the cable.
9. **ALWAYS** use a dust extraction device, properly connected to the dust extraction port
10. **ALWAYS** ensure that nails or any foreign objects have been removed from a workpiece beforehand. Nails etc., will destroy the belt or disk.
11. **NEVER** allow the ventilation slots in the motor to become blocked.
12. **NEVER** sand pieces which cannot be held firmly by hand.



WARNING! Use ONLY for sanding WOOD. DO NOT USE for sanding asbestos, or materials containing asbestos, painted surfaces, or materials which produce toxic

ELECTRICAL CONNECTIONS

Connect the mains lead to a standard, 230 volt (50Hz) electrical supply through a fused good quality 13 amp BS 1363 plug, or a suitable fused isolator switch.

WARNING: THIS APPLIANCE MUST BE EARTHED

IMPORTANT: The wires in the mains lead are coloured in accordance with the following code:

Green & Yellow	-	Earth
Blue	-	Neutral
Brown	-	Live

As the colours of the flexible cord of this appliance may not correspond with the coloured markings identifying terminals in your plug, proceed as follows:

- Connect GREEN & YELLOW cord to terminal marked with a letter "E" or Earth symbol "⏚" or coloured GREEN or GREEN & YELLOW.
- Connect BROWN cord to terminal marked letter "L" or coloured RED.
- Connect BLUE cord to terminal marked letter "N" or coloured BLACK.

We strongly recommend that this unit is fitted with a Residual Current Device (RCD).

FUSE RATING

The fuse in the plug for this appliance must be rated at **5 amps** and any replacement must be ASTA approved to BS 1362.

IMPORTANT NOTICE

If this appliance is fitted with a plug which is moulded on to the electric cable (i.e. non rewirable) please note:

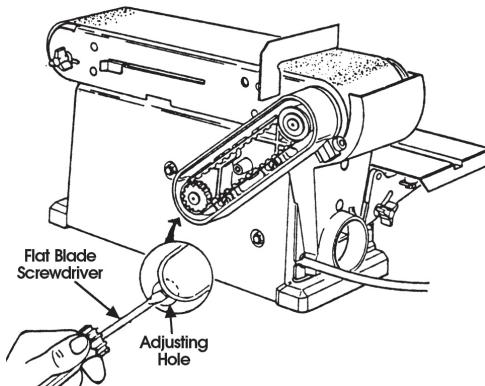
1. This plug must be thrown away if it is cut from the electric cable. There is a danger of electric shock if it is subsequently inserted in a socket outlet.
2. Never use the plug without the fuse cover fitted.
3. Should you wish to replace a detachable fuse carrier, ensure that the correct replacement is used (as indicated by marking or colour code).
4. Replacement fuse covers can be obtained from your local dealer, or an electrical stockist.

4. Slightly tighten (3) screws. Adjust tension of belt by putting blade screwdriver in adjusting hole. Push up on screwdriver to tighten tension between pulleys.

5. Tighten screws fully, being careful not to disturb the belt.

6. Test belt tension by placing fingers on either side of belt and squeeze. There should be about a 1/4" give to the belt.

NOTE: Excessive tightness on pulley belt may cause increased noise and over load motor. Excessive looseness on pulley belt may cause belt to fail prematurely.



7. Locate the pulley cover and position it inside the relief edges of pulley housing.
8. Using a cross head screwdriver, reinstall and tighten the flat head screw.

TROUBLESHOOTING

Trouble	Probable cause	Remedy
Motor will not run.	1. Defective On-Off switch Defective switch lead Defective switch box. 2. Burnt out motor or relay.	1. Replace defective parts before using belt/disc sander again. 2. Any attempt to repair this motor or relay may create a HAZARD unless repair is carried out by a qualified electrician.
Machine slows down when sanding.	1. Drive belt too tight. 2. Too much pressure applied to workpiece.	1. Decrease belt tension, see Maintenance section, "Removing Pulley Cover and Installing Drive Belt". 2. Ease up on pressure.
Sanding Belt runs off pulleys.	1. Not tracking properly.	1. Adjust tracking, see Assembly Instructions, "Installing the Sanding Belt Tensioning and Tracking".
Wood burns while sanding Excessive noise.	1. Sanding disc or belt is glazed with sap. 1. Drive belt too tight.	1. Replace disc or belt. 1. Decrease belt tension, see Maintenance Section "Removing Pulley Cover and Installing Drive Belt".

MAINTENANCE

WARNING: For your own safety, switch "OFF" and remove plug from power source before adjusting, maintaining, or lubricating your belt and disc sander.

WARNING: To avoid electrocution or fire, any repairs to electrical systems should be done only by qualified service technicians. The unit must be reassembled exactly to factory specifications.

If the mains lead is worn or cut, or damaged in any way, have it replaced immediately. Frequently blow out or vacuum any dust that may accumulate inside the motor.

A coat of wax applied to the worktable will make it easier to feed the work while finishing. Do not apply wax to the abrasive belt table because the belt could pick up the wax and deposit it on the pulleys, causing the belt to slip.

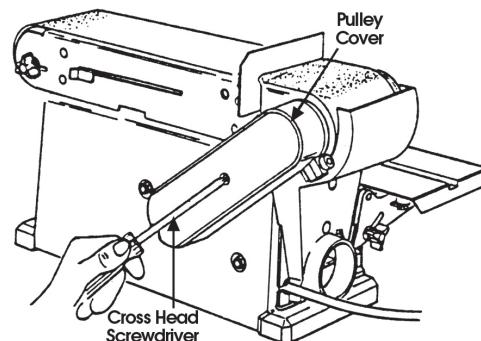
Lubrication

The BALL BEARINGS in this machine are packed with grease at the factory. They require no further lubrication. Sleeve bearings should be lubricated with 30 weight oil or equivalent after each 10 hours of operation.

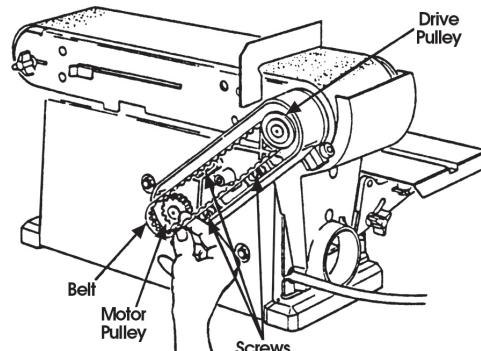
Removing Pulley Cover And Installing Drive Belt

1. Using a cross head screwdriver, remove the screw located in the middle of the cover.

2. Remove the cover.



3. Loosen (3) screws to allow pulleys to move enough to place the belt around them. Place belt around the motor pulley and drive pulley as shown.



PRE-ASSEMBLY CHECK

Separate all parts from packing materials and check each item with the "Table of Loose Parts." Make certain all items are accounted for, before discarding any packing material.

WARNING: If any parts are missing, do not attempt to assemble the Belt and Disc Sander, plug in the mains lead, or switch until the missing parts are obtained and installed correctly.

WARNING: For your own safety, never connect plug to power source until all assembly steps are complete and until you have read and understood the entire owners manual.

LOOSE PARTS

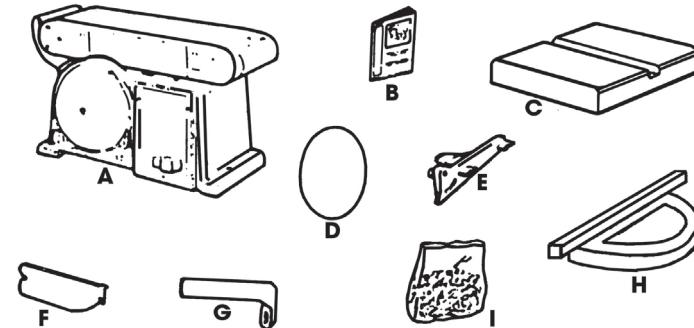


TABLE OF LOOSE PARTS

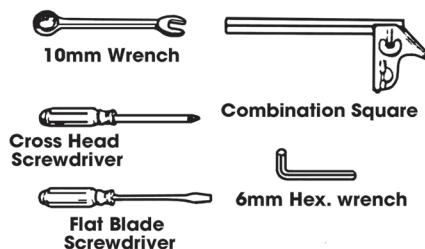
Item	Description	Qty.	Item	Description	Qty.
A	Belt and Disc Sander Assembly	1	I	Bag contents	
B	Owner's Manual	1	Knob		1
C	Table	1	Washer, 6.5 x 17.8 x 1.6		5
D	Sanding Disc	1	Screw, Pan Hd. M4.		2
E	Table Support	1	Switch Key		1
F	Disc Guard	1	Lockwasher, Ext. M6		4
G	Work Stop	1	Scale Label		1
H	Mitre Gauge	1	Screw, Hex Hd. M6		4
			Hex "L" Wrench 6mm		1

Should any of the components be missing or damaged then please contact your CLARKE dealer immediately for a replacement.

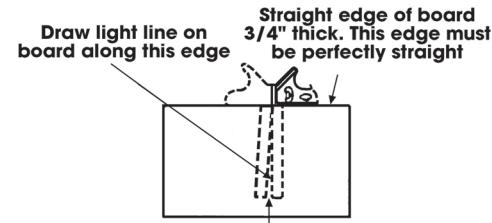
WARNING: The use of any accessory/attachment, other than those recommended in this instruction manual, may present a risk of personal injury.

ASSEMBLY

Tools Required



Combination Square must be true



Mounting To Workbench

If Belt and Disc Sander is to be used in a permanent location, it should be fastened securely to a firm supporting surface such as a workbench.

If mounting to a workbench, holes should be drilled through supporting surface of the workbench using dimensions illustrated.

1. The unit should be bolted securely using 5/16" screws, flat washers and hex nuts (not included). Screw length should be 1½" plus the thickness of the bench top.
2. Locate and mark the holes where belt and disc sander is to be mounted.
3. Drill (2) 3/8" diameter holes through workbench.
4. Place the machine on the workbench aligning holes on base with holes drilled in workbench.
5. Insert two 5/16" screws, thread on the washers and nuts, then tighten the nuts.

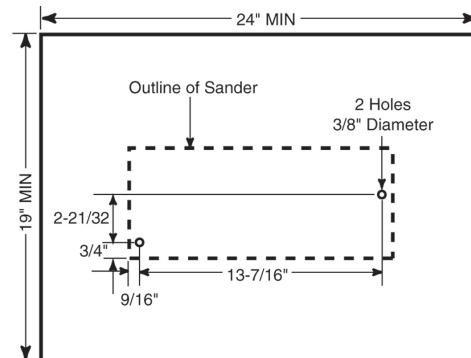
Mounting To A Board

An alternate method of mounting is to fasten belt and disc sander to a mounting board. The board should be of sufficient size to avoid tipping of sander while in use. Any good grade of plywood or chipboard with a 3/4" minimum thickness is recommended. (Thinner chipboard can break.)

CAUTION: To avoid Injury from tool movement, use **5/16"** or larger screws and nuts.

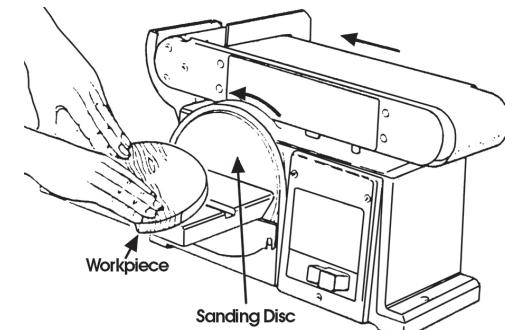
1. Follow instructions for mounting to workbench, substituting a board 18" x 24" minimum size and using 5/16 inch flat head screws, lockwashers, and hex nuts (not included). Screw length should be 1-1/2" plus the thickness of the mounting board.

NOTE: For proper stability, holes must be counter sunk so screw heads are flush with the bottom surface of supporting board.



Always sand outside curves on the left side of centre on the sanding disc as shown.

WARNING: Applying the workpiece to the right side of the disc could cause workpiece to fly up (kick-back) and result in an injury.



Sanding Small End Surfaces On The Sanding Disc

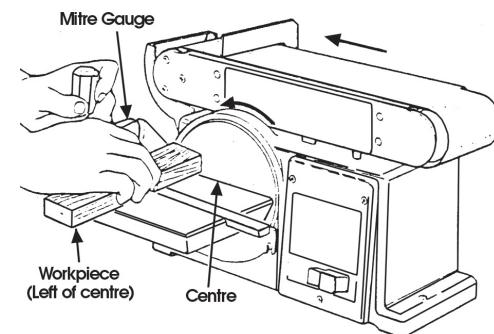
NOTE: Use of a Mitre Gauge is recommended for this operation.

Always move the work across left side of centre on the sanding disc face as shown.

The table may be tilted for bevelled work.

Always position the workpiece to the left of centre on sanding disc with disc rotating anticlockwise as shown.

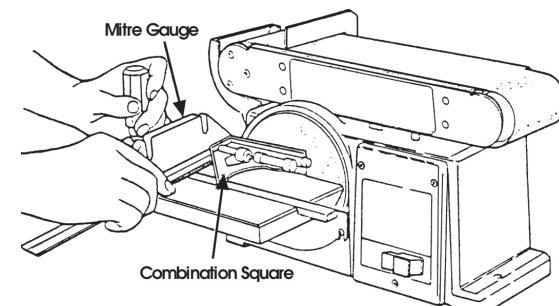
WARNING: Applying the workpiece to the right side of the disc first could cause workpiece to fly up (kickback)



and result in an injury.

WARNING: For your own safety, turn switch "OFF" and remove plug from power source outlet before adjusting your sander.

NOTE: Use a combination square to square the mitre gauge to the face of the disc (combination square must be "true" - See "Unpacking - Tools Required" section on page 8 for checking this method). If it is not square, loosen the mitre gauge knob and move the mitre gauge slightly until it is square. Without moving the mitre gauge, tighten the knob securely.



Surface Sanding On The Sanding Belt

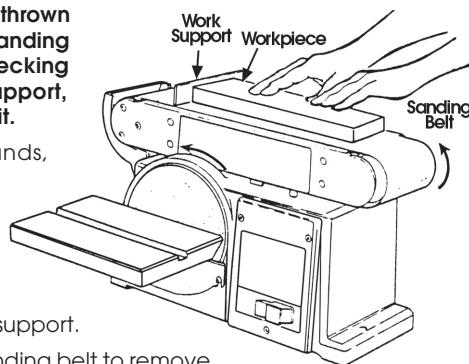
WARNING: To avoid injury from slips, jams or thrown pieces, adjust the backstop to clear the sanding surface by no more than 1/16". When checking clearance between the belt and work support, press the belt flat against the bed beneath it.

Hold the workpiece firmly with both hands, keeping fingers away from the sanding belt.

Keep the end up against the backstop and move the work evenly across the sanding belt. Use extra caution when sanding very thin pieces.

For sanding long pieces, remove the work support.

Apply only enough pressure to allow the sanding belt to remove material.

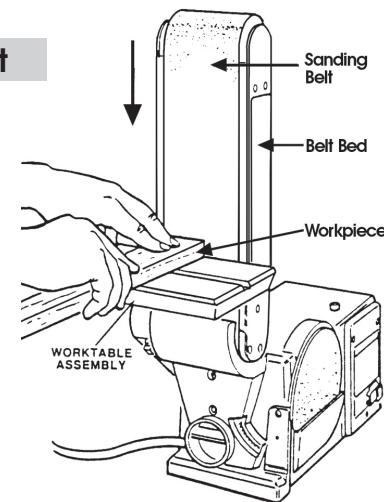


End Sanding On The Sanding Belt

It is more convenient to sand the ends of long workpieces with sanding belt in a vertical position.

See "Basic Operation - Positioning Belt Bed" for adjusting the belt bed, and see "Assembly - Installing Table Assembly" for adjusting worktable.

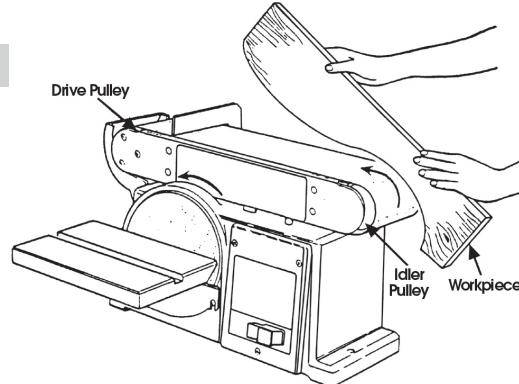
Move the work evenly across the sanding belt. For accuracy, use a mitre gauge.



Sanding Curved Edges

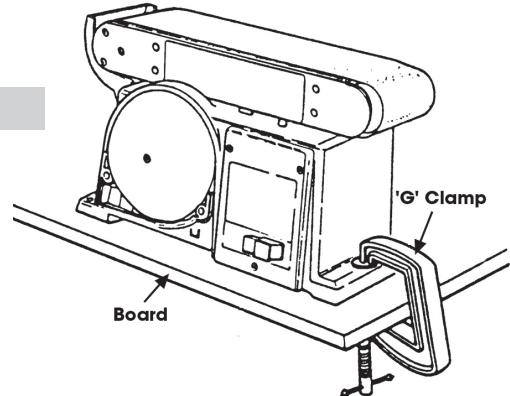
Always sand inside curves on the idler pulley as shown.

WARNING: Never attempt to sand the ends of a workpiece on the idler pulley. Applying the end of the workpiece to the idler pulley could cause the workpiece to fly up and result in an injury.



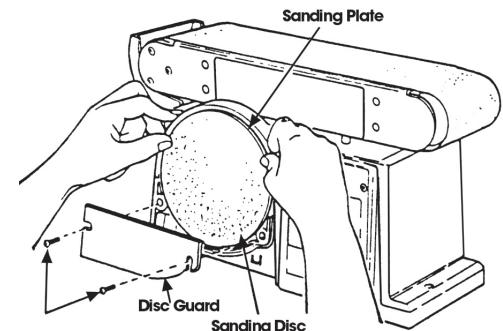
Clamping To Workbench

The belt and disc sander can be clamped directly to the board using two or more "G" clamps on base of unit (one clamp on each end).



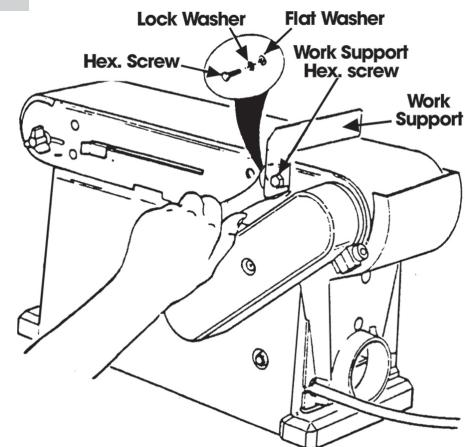
Installing Sanding Disc And Guard

1. Locate sanding disc and peel backing from disc. Align perimeter of disc with plate and press disc firmly into position all the way around.
2. Locate disc guard and two M4 pan head screws, from loose parts bag.
3. Position disc guard against lower 1/3 of disc aligning holes as shown.
4. Using a cross head type screwdriver, fasten the pan head screws securely applying slight pressure to thread the holes.



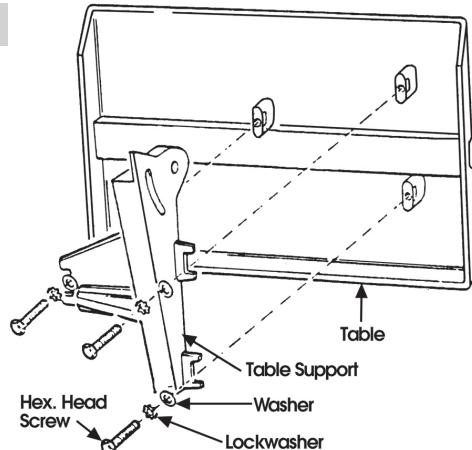
Installing Work Support Stop

1. Locate the work support and M6 hex screw, washer and lockwasher.
2. Hold work support into position and fasten as shown. Do not overtighten.

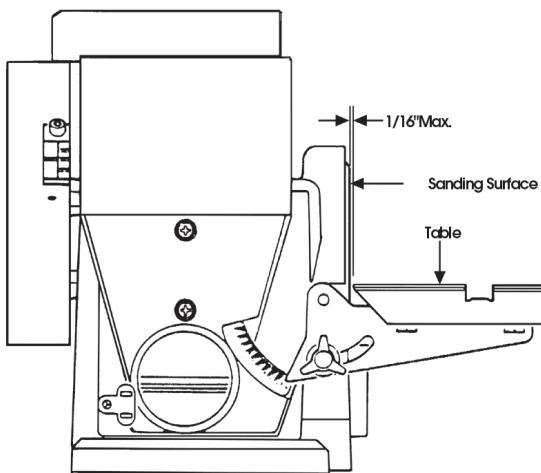
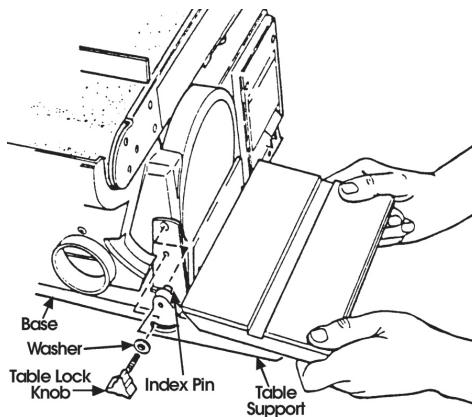


Installing Table Assembly

1. Locate table support and (3) M6 hex head screws, flat washers and lockwashers among loose parts.
2. Position table support against table, aligning holes as shown.
3. Fasten table support to table as shown.



4. Locate washer 6.5 x 17.8 x 1.6 and knob among loose parts.
5. Position table support in corresponding holes on side of base as shown. Make sure the 9.5mm diameter index pin aligns with upper hole.
6. Place washer on threaded shaft of knob and insert through slot into threaded holes of base

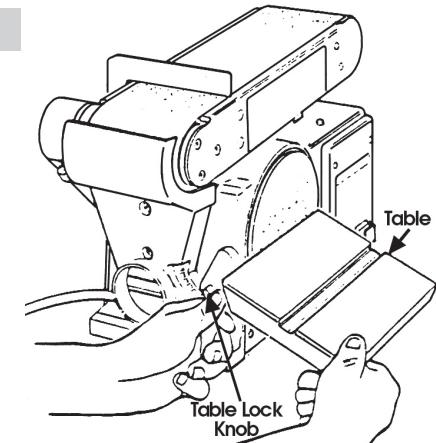
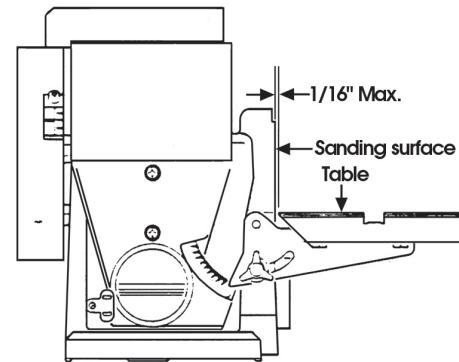


7. Loosen the (3) hex head screws and adjust table so ,that a gap of 1/16" ONLY exists between the table and the disc..

OPERATING INSTRUCTIONS

Bevel Sanding

The worktable can be tilted from 00 to 450 for bevel sanding. Loosen the table lock knob and tilt the work-table to desired angle as shown. Retighten table lock knob.

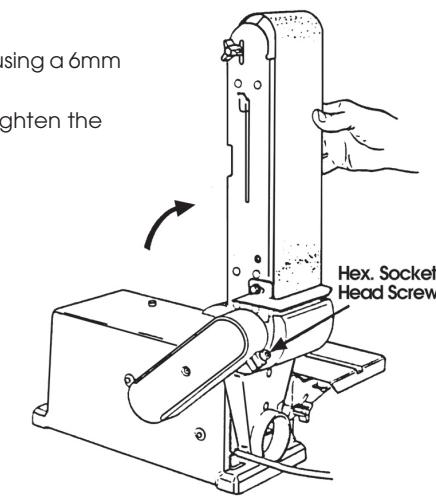
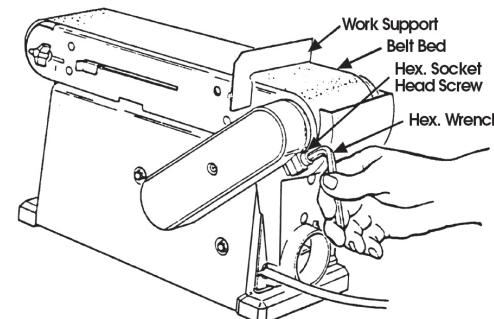


WARNING: To avoid trapping the work or fingers between the table and sanding surface, the table should be repositioned on the table support to retain a maximum of 1/16 Inch distance between sanding surface and table.

Raising Belt Bed

A bed locking hex socket head screw locks the belt bed in a vertical or horizontal position. To adjust vertical position:

1. Remove the work support.
2. Loosen the hex socket head locking screw using a 6mm hex. wrench
3. Position belt bed vertically as shown and tighten the hex. socket head screw.

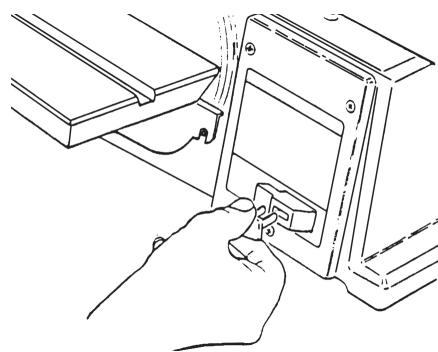


ON-OFF Switch

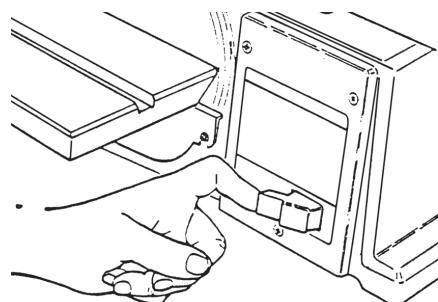
The ON/OFF switch has a locking feature. This feature is intended to help prevent unauthorised and possibly hazardous use by children and others.

1. To turn machine "ON" insert key into switch.

NOTE: Key is made of yellow plastic, located in loose parts bag.

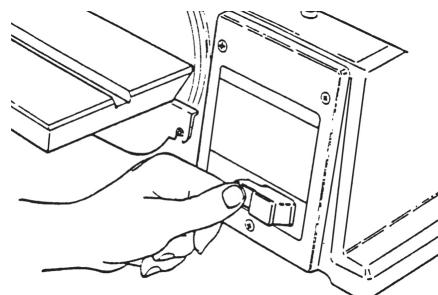


2. Insert finger under switch lever and PULL end of switch out.



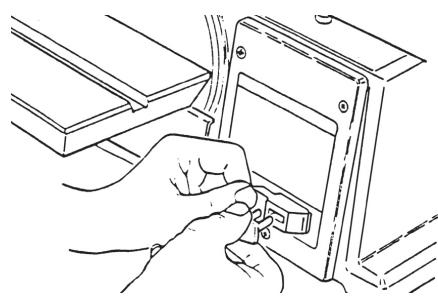
3. To turn machine "OFF"... PUSH lever in.

NEVER LEAVE THE MACHINE UNATTENDED
UNTIL IT COMES TO A COMPLETE STOP.



4. To lock switch in OFF position... hold switch IN with one hand... REMOVE key with other hand.

WARNING: For your own safety, always lock the switch "OFF" when machine is not in use ... remove key and keep it in a safe place... also... In the event of a power failure (all of your lights go out) turn switch off..., remove the key and store it remote from the machine.

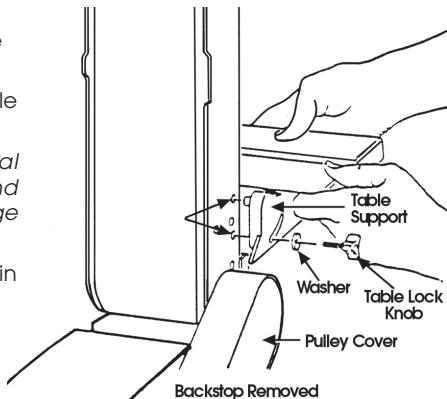


Auxiliary Mounting For Vertical Sanding

1. Remove backstop lock bolt and remove work support.
2. Remove table assembly by removing table lock knob and washer.

NOTE: Belt bed may be raised to vertical position by loosening hex socket screw and raising bed. See "Positioning Belt Bed" on page 16.

3. Attach table assembly to auxiliary holes in belt bed. Make sure index pin is in the upper hole when sanding table is in the vertical position.



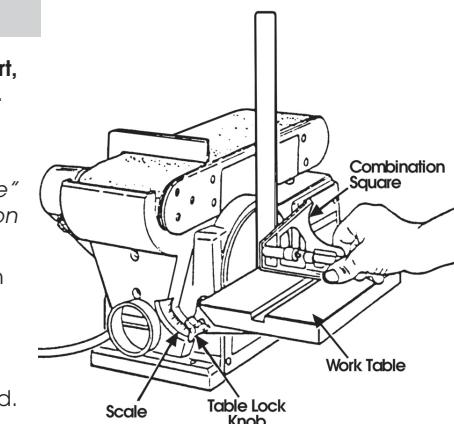
Squaring Table Assembly

WARNING: To avoid injury from accidental start, make sure tool is unplugged before aligning.

1. Using a combination square, check the angle of the worktable with the disc.

NOTE: The combination square must be "true" - See "Assembly - Tools Needed" section on page 8 for checking method.

2. If the table is not 90° with the disc, loosen table lock knob screw and tilt table.
3. Adjust worktable square to the disc and retighten table lock knob.
4. Attach scale label to 0° mark on dust guard.

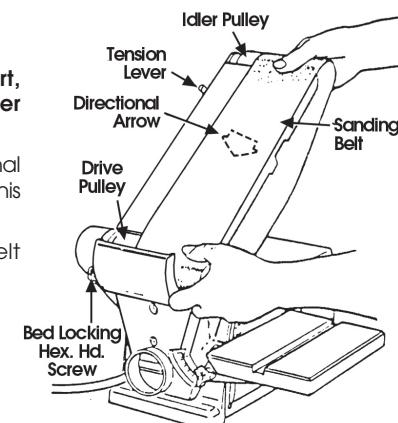


Installing the Sanding Belt -Tensioning And Tracking

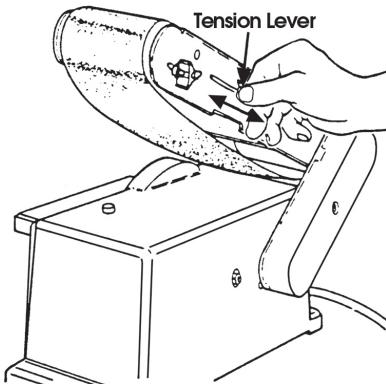
WARNING: To avoid injury from accidental start, switch "OFF", remove key and disconnect from power outlet before removing or installing sanding belt.

On the smooth side of the sanding belt, is a "directional arrow." The sanding belt must run in the direction of this arrow so that the splice does not come apart.

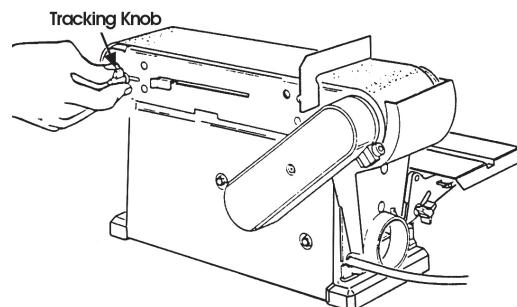
1. Slide tension lever to the right to release the belt tension.
2. Place the sanding belt over the pulleys with the directional arrow pointing as shown.
Make sure the belt is centred on both pulleys.



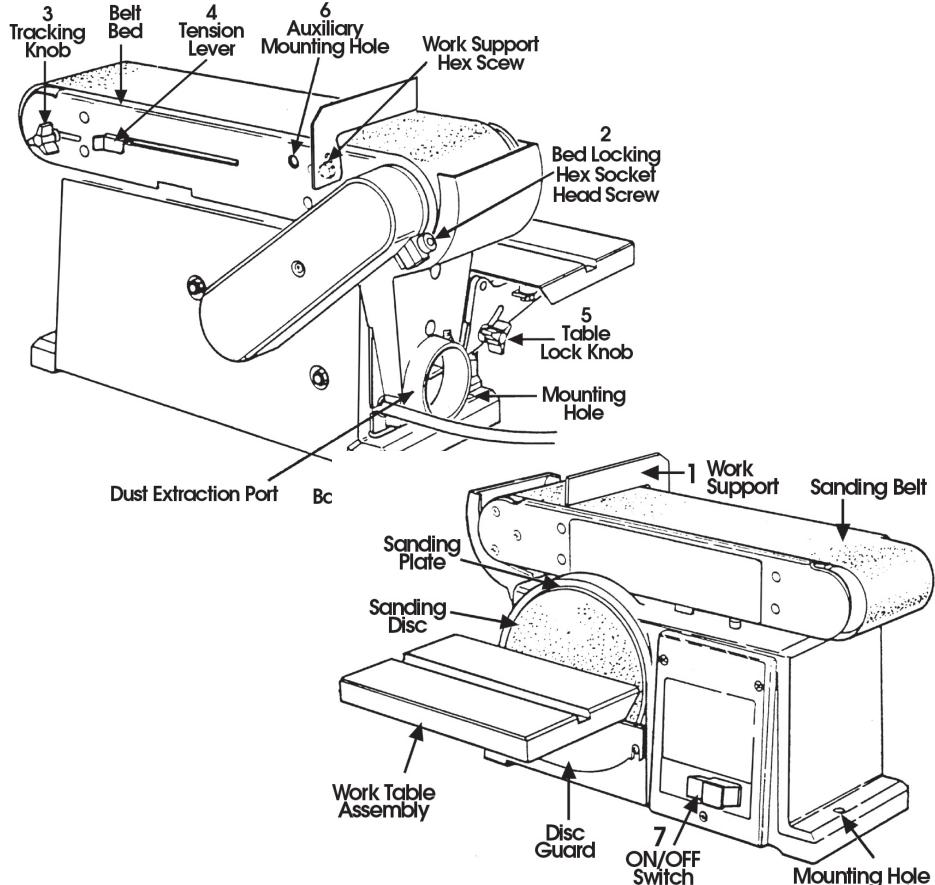
- Slide tension lever to the left to apply belt tension.
- Tighten hex socket screw when bed is in desired position.
- Plug in the power cord. Turn switch "ON" and immediately "OFF," noting if the belt tends to slide off the idler pulley or drive pulley. If it did not tend to slide off, it is TRACKING properly.



- If the sanding belt moves toward the disc, turn the tracking knob clockwise 1/4 turn.
- If the sanding belt moves away from the disc, turn the tracking knob anticlockwise 1/4 turn.
- Turn switch "ON" and immediately "OFF" again, noting belt movement. Readjust tracking knob if necessary.



GETTING TO KNOW YOUR BELT/DISC SANDER



WARNING: To avoid injury from accidental start, switch "OFF" and disconnect from power source before making any adjustments.

1. Work Support. Supports the workpiece on the sanding belt.
2. Hex Socket Head Screw. Loosening screw allows belt bed to be raised to the vertical position.
3. Tracking Knob. Turning knob anticlockwise causes sanding belt to move towards the disc; turning knob clockwise causes sanding belt to move away from the disc.
4. Tension Lever. Sliding lever to the right releases the sanding belt tension; sliding lever to the left applies belt tension.
5. Table Lock Knob. Loosening knob allows the work table to be tilted for bevel sanding. (Scale pointer on table trunnion; scale attached to base.)
6. Auxiliary Mounting Hole. Allows table assembly to be mounted for end sanding when the bed is placed in vertical position.
7. On-Off Switch.