

SEARS/CRAFTSMAN®

Save This Manual For Future Reference

OWNER'S MANUAL

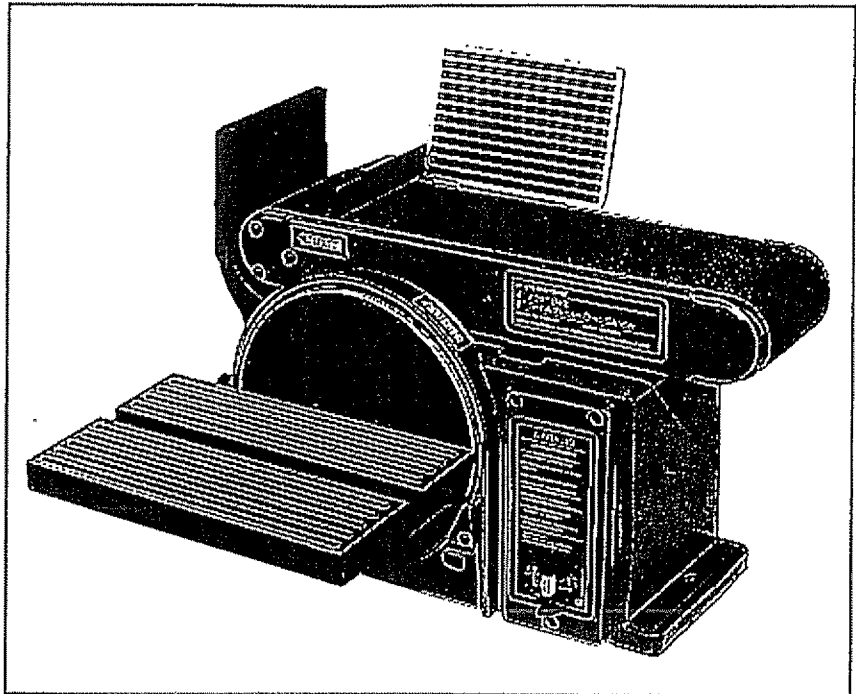
Model No.
319.226560

Serial No.

Model and serial numbers may be found on the nameplate located on the front of the tool. You should record both the model and serial number and retain it in a safe place for future use.

Caution:
Read, understand and follow ALL instructions and rules for safe operation before operating this tool.

226560102



SEARS/CRAFTSMAN®

BELT/DISC SANDER

- Warranty
- Safety Instructions
- Know Your Belt/Disc Sander
- Operation and Maintenance
- Repair Parts

226560102



Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.

FULL ONE-YEAR WARRANTY ON SEARS BELT and DISC SANDER

If this Sears Craftsman Belt and Disc Sander fails due to a defect in material or workmanship within one year from the date of purchase, RETURN IT TO THE NEAREST SEARS SERVICE CENTER IN THE UNITED STATES, and Sears will repair it, free of charge.

If this Belt / Disc Sander is used for commercial or rental purposes, this warranty will apply for ninety days from the date of purchase.

This warranty applies only while this product is in the United States.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Sears, Roebuck and Co., Dept. 817 WA, Hoffman Estates, IL 60179

SAFETY INSTRUCTIONS FOR BELT/ DISC SANDER

Safety is a combination of common sense, staying alert and knowing how your belt/disc sander works. Read this manual to understand this belt/disc sander.

BEFORE USING THE BELT/DISC SANDER:

WARNING: TO AVOID MISTAKES THAT COULD CAUSE SERIOUS, PERMANENT INJURY, DO NOT PLUG THE BELT/DISC SANDER IN UNTIL THE FOLLOWING STEPS HAVE BEEN READ AND SATISFACTORILY COMPLETED.

1. **READ** and become familiar with this entire instruction manual. **LEARN** the tools applications, limitations, and possible hazards.
2. **AVOID DANGEROUS CONDITIONS.** **DO NOT** use power tools in wet or damp areas or expose them to rain.
3. **DO NOT** use power tools in the presence of flammable liquids or gases.
4. **ALWAYS** keep your work area clean, uncluttered and well lit. **DO NOT** work on floor surfaces that are slippery from sawdust or wax.
5. **KEEP VISITORS AND CHILDREN AWAY.** Other people should keep a safe distance from the work area, especially when tool is operating.
6. **DO NOT FORCE THE TOOL.** Never force a tool to do a job for which it was not designed. It will do a better and safer job by only using on jobs for which it was designed.
7. **DRESS FOR SAFETY.** **DO NOT** wear loose clothing, gloves, neckties, or jewelry (rings, watches); they can get caught and draw you into moving parts. **ALWAYS** wear non-slip footwear; tie back long hair.
8. **WEAR A FACE MASK OR DUST MASK IF SANDING OPERATION PRODUCES DUST.**
9. **ALWAYS** remove the power cord plug from the electric outlet when making adjustments, changing parts, cleaning or working on tool.
10. **KEEP GUARDS IN PLACE AND IN WORKING ORDER.**

SAVE THESE INSTRUCTIONS

SAFETY INSTRUCTIONS CONTINUED

11. **ALWAYS WEAR EYE PROTECTION.** Any Sander can throw foreign objects into the



eyes which could cause permanent eye damage. ALWAYS Wear Safety Goggles (not glasses) that comply with ANSI safety standard Z87.1. Everyday eyeglasses have only impact-resistant lenses. they ARE NOT safety glasses. Safety Goggles are available at Sears.

NOTE: Glasses or goggles not in compliance with ANSI Z87.1 could seriously hurt you when they break.

12. **AVOID ACCIDENTAL STARTING.**

Ensure that the power switch is in the "OFF" position before plugging in the power cord.

13. **REMOVE ADJUSTING TOOLS.** Form

habit of checking to see that tools and adjusting wrenches are removed from the sander before turning it on.

14. **USE ONLY RECOMMENDED**

ACCESSORIES. Using improper accessories can be hazardous. If in doubt, check the instruction manual that comes with that accessory.

15. **NEVER LEAVE A TOOL RUNNING**

UNATTENDED. Turn the power switch to "OFF". DO NOT leave tool until it has come to complete stop.

16. **NEVER STAND ON A TOOL.** Serious

injury could result if the tool tips or you accidentally hit the sander. DO NOT store anything above or near the tool where anyone might stand on the tool to reach it

17. **DON'T OVERREACH.** Keep proper

footing and balance at all times. Wear oil-resistant rubber-soled footwear. Keep floor clear of oil, scrap and other debris.

18. **MAINTAIN TOOLS WITH CARE.**

Always keep tools clean and in good working order.

19. **CHECK DAMAGED PARTS.** Before

each use of tool, a guard or other part that is damaged 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 any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.

20. **MAKE WORKSHOP CHILDPROOF.**

By use of padlocks, master switches, or by removing starter keys.

21. **DRUGS, ALCOHOL OR**

MEDICATIONS. DO NOT operate tool if you are under the influence of drugs, alcohol or medication that could affect your ability to use the tool properly.

22. **SECURE ALL WORK.** When practical,

use clamps or a vise to hold work. It is safer than using your hands and prevents round or odd-shaped pieces from turning.

23. **DIRECTION OF FEED.** Feed work into a

blade or cutter against the direction of rotation of the blade or cutter only.

24. **WARNING:** Dust generated from certain

materials can be injurious to your health. Always operate sander in well ventilated areas and provide for proper dust removal.

SAVE THESE INSTRUCTIONS

SAFETY INSTRUCTIONS CONTINUED

■ ADDITIONAL SAFETY INSTRUCTIONS FOR BELT/DISC SANDER

WARNING

DO NOT OPERATE YOUR SANDER UNTIL IT IS COMPLETELY ASSEMBLED AND INSTALLED ACCORDING TO THE INSTRUCTIONS.

1. **THIS SANDER IS DESIGNED TO SAND WOOD OR WOOD-LIKE PRODUCTS ONLY.** Sanding or grinding other materials could result in fire, injury or damage to workpiece.
2. **MOUNT AND USE** this sander on horizontal surfaces only. Operating sander when mounted on non-horizontal surfaces might result in motor damage.
3. **IF THERE IS ANY TENDENCY** for the machine to tip over or move during any use, the sander must be securely fastened to the bench top or supporting surface.
4. **MAKE SURE** the sanding belt is installed in the correct direction. See directional arrow on back of belt.
5. **ALWAYS** have the tracking adjusted properly so the belt does not run off the pulleys.
6. **DO NOT USE** sanding belts or discs that are damaged, torn, loose. Use only correct size sanding belt and disc.
7. **ALWAYS HOLD** the workpiece firmly when sanding. Avoid awkward hand positions when a slip could cause a hand to move into the sanding belt or disc. Sand only one workpiece at a time.
8. **ALWAYS HOLD** the workpiece firmly on the table when disc sanding and when using either table when belt sanding.
9. **ALWAYS SAND ON THE DOWNWARD SIDE** of the sanding disc when using the disc sander. Sanding on the upward side of the disc could cause the workpiece to fly up which could be hazardous.
10. **ALWAYS** maintain a minimum clearance of $1/16$ inch or less between the table or backstop and the sanding belt or disc.
11. **DO NOT** sand pieces of material that are too small to be safely supported.
12. **WHEN** sanding a large workpiece, provide additional support at table height.
13. **DO NOT** sand with the workpiece unsupported. Support the workpiece with the backstop or table. The only exception is curved work performed on the outer sanding drum.
14. **ALWAYS** remove scrap pieces and other objects from the table, backstop or belt before turning the sander "ON."
15. **NEVER** perform layout, assembly or set-up work on the table while the sander is operating.
16. **NEVER** use solvents to clean plastic parts. Solvents could possibly dissolve or otherwise damage the material. Only a soft damp cloth should be used to clean plastic parts.
17. **SHOULD** any part of your sander be missing, damaged, or fail in any way, or any electrical components fail to perform properly, shut off switch and remove plug from power supply outlet. Replace missing, damaged or failed parts before resuming operation.
18. **NEVER YANK THE POWER CORD** out of the receptacle. Keep cords away from heat, oil and sharp edges.
19. **HAVE AN ELECTRICIAN REPLACE OR REPAIR** damaged or worn cords immediately.

SAVE THESE INSTRUCTIONS

SAFETY INSTRUCTIONS CONTINUED

■ ADDITIONAL SAFETY INSTRUCTIONS FOR BELT/DISC SANDER

20. **USE PROPER EXTENSION CORD.** Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The table below shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

■ GUIDELINES FOR USING EXTENSION CORDS

MINIMUM GAUGE FOR EXTENSION CORDS (AWG)					
(when using 120 volts only)					
Ampere Rating		Total length of cord in feet			
more than	not more than	25'	50'	100'	150'
0	6	18	16	16	14
6	10	18	16	14	12
10	12	16	16	14	12
12	16	14	12	Not Recommended	

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.

■ GROUNDING INSTRUCTIONS

IN THE EVENT OF A MALFUNCTION OR BREAKDOWN, grounding provides a Columns path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug **MUST** be plugged into a matching outlet that is properly installed and grounded in accordance with ALL local codes and ordinances.

DO NOT MODIFY THE 3-PRONG PLUG...if it will not fit the outlet, have the proper outlet installed by a qualified electrician. Improper connection of the equipment-grounding conductor can result in a risk of shock. The conductor with insulation having an outer surface that is green (sometimes, but not always with yellow stripes) is the equipment grounding conductor.

SAVE THESE INSTRUCTIONS

SAFETY INSTRUCTIONS CONTINUED

■ GROUNDING INSTRUCTIONS CONTINUED

USE ONLY 3-WIRE EXTENSION CORDS THAT HAVE 3-PRONG GROUNDING PLUGS AND 3-POLE RECEPTACLES THAT ACCEPT THE TOOL'S PLUG.

REPAIR OR REPLACE DAMAGED OR WORN CORD IMMEDIATELY...if repair or replacement of the electric cord or plug is ever necessary, **DO NOT** connect the equipment-grounding conductor to a live terminal.

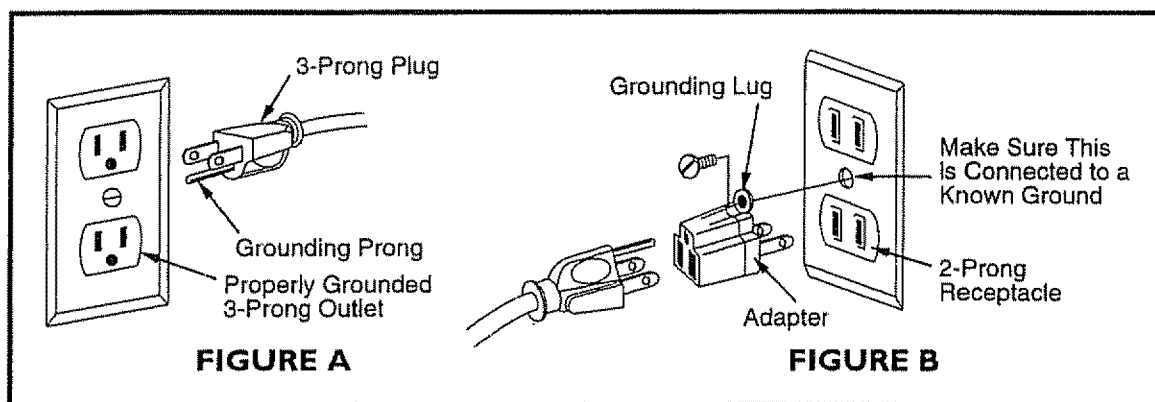


FIGURE (A)...shows a 3-wire electrical plug and outlet that has a grounding conductor. If a properly grounded outlet is not available, an adapter (**FIGURE B**) can be used to temporarily connect this plug to a 2-contact ungrounded outlet. The adapter (**FIGURE B**) has a rigid lug extending from it that **MUST** be connected to a permanent earth ground, such as a properly grounded outlet box.. The Canadian Electrical Code prohibits the use of adapters.

THE ADAPTER SHOULD ONLY BE USED UNTIL A PROPERLY GROUNDING OUTLET CAN BE INSTALLED BY A QUALIFIED TECHNICIAN.

If you have any doubts as to whether the tool is properly grounded or if the grounding instructions are unclear, check with a qualified electrician or service personnel.

WARNING

WHEN USING A GROUNDING TOOL AROUND OTHER UNGROUNDING DEVICES, BE SURE THAT THE UNGROUNDING DEVICES ARE IN GOOD CONDITION. AN UNGROUNDING DEVICE CAN FUNCTION, YET HAVE INTERNAL ELECTRICAL PROBLEMS THAT COULD CAUSE A HAZARD WHEN BROUGHT IN CONTACT WITH A GROUNDING TOOL.

SAVE THESE INSTRUCTIONS

TABLE OF CONTENTS

SECTION	PAGE
Warranty.....	2
Safety Instructions.....	2
Extension Cord Use.....	5
Specifications.....	7
Unpacking and Checking Contents.....	8
Know Your Belt/Disc Sander.....	9
Assembly.....	10
Fastening Sander to Work Surface.....	11
Operation and Adjustment.....	12
Maintenance.....	15
Parts List.....	16

BELT/DISC SANDER SPECIFICATIONS

Belt Size:	4 in. x 36 in.
Disc Diameter:	8 in.
Motor:	120 V AC, 60 Hz, 6.0 A
Speed (R.P.M.):	3450 R.P.M. (no load)
Net Weight:	approx. 43 LB
Dimensions:	approx. 17 1/2 in. x 7 1/2 in. x 11 in.
Belt Bed Tilt:	0° - 90°
Disc Table Size:	10 1/2 in. x 6 1/4 in.
Disc Table Tilt:	0° to 45°
Bed Table Size:	6 in. x 4 in.
Belt Table Tilt:	45° - 90°

UNPACKING AND CHECKING CONTENTS

■ Tools needed for assembly and alignment: (see figure 1)

1. Combination Square
2. Two hex keys (supplied)
3. Slotted and phillips screwdriver
4. Adjustable wrench

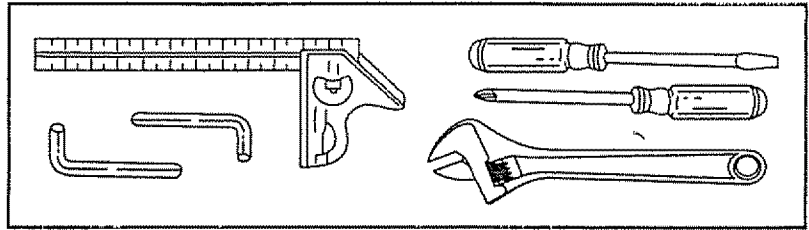


Fig. 1

■ Unpacking (see figure 2)

This belt disc/sander is shipped complete in one carton. Carefully unpack the sander and all parts from the carton.

If any parts are missing, do not attempt to operate the sander until the missing parts are obtained and correctly installed.

Separate all parts from carton and check for each item as listed:

PARTS LIST

- 1) Belt and disc sander
- 2) Instruction manual
- 3) Sanding disc table
- 4) Sanding belt table
- 5) Belt table adjusting bracket
Belt table knob
- 6) Belt table bracket
- 7) Dust deflector
- 8) Back stop
- 9) Disc table bracket
Spring load handle
- 10) Hex key (5mm)
Hex key (6mm)
Flat Washer (5 each)
Lock washer (4 each)
Hex head bolt (3 each)
Hex cap screw (3 each)

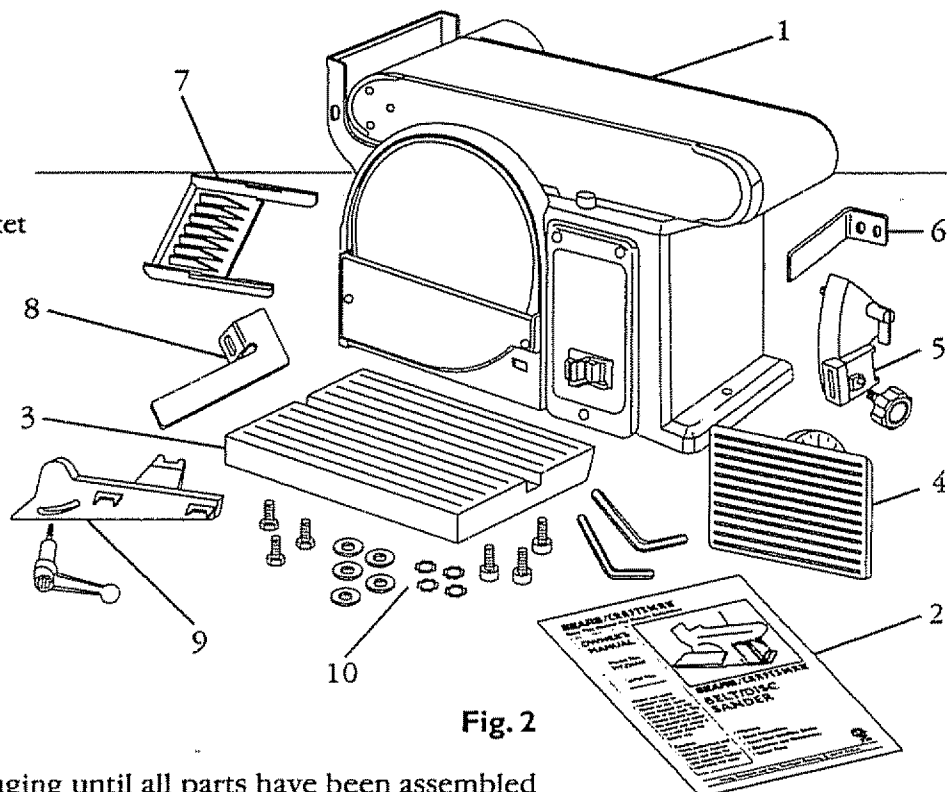


Fig. 2

Note: Do not discard packaging until all parts have been assembled.

WARNING

FOR YOUR OWN SAFETY, DO NOT CONNECT THE SANDER'S PLUG INTO A POWER OUTLET OR INSERT THE SWITCH KEY UNTIL THE PARTS ARE CORRECTLY INSTALLED AND ADJUSTMENTS HAVE BEEN MADE.

KNOW YOUR BELT/DISC SANDER

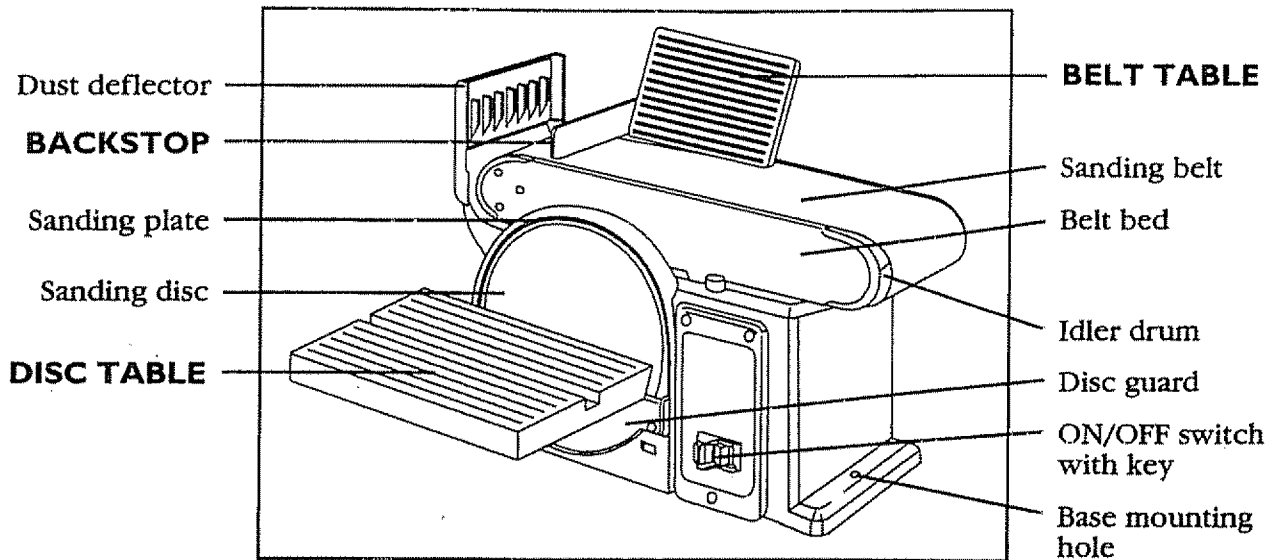


Fig. 3

KEY GUIDES FOR PROFESSIONAL RESULTS

DISC TABLE: is used to support workpiece when using sanding disc or when using belt sander in vertical position.

BELT TABLE: is used to support workpiece when edge sanding on the belt only.

BACKSTOP: holds the workpiece when using sander in horizontal position. Can be removed when sanding operation requires use of the entire belt.

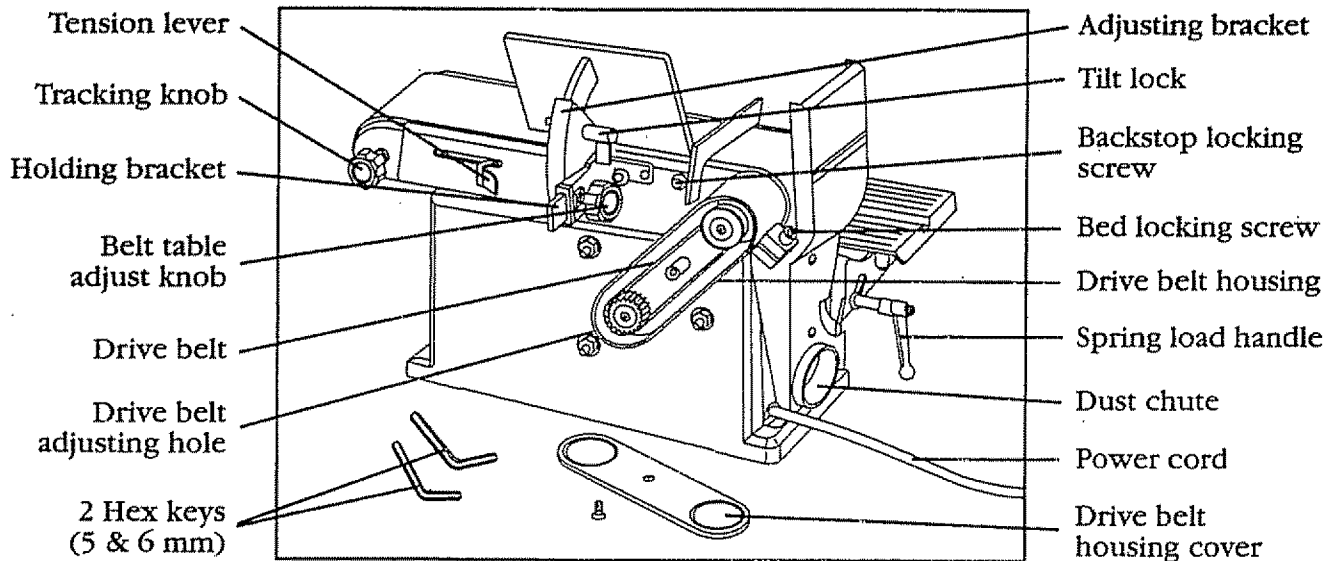


Fig. 4

WARNING

TO AVOID INJURY FROM ACCIDENTAL STARTING, TURN SWITCH "OFF" AND REMOVE PLUG FROM POWER SOURCE OUTLET BEFORE MAKING ANY ADJUSTMENTS.

ASSEMBLY

■ Installing the sanding disc (see figure 5)

1. Remove the two screws from the sanding disc guard and remove sanding disc guard plate.
2. Wipe sanding disc plate clean.
3. Peel backing from sanding disc, align disc with plate and press sanding disc firmly on to plate.
4. Reinstall disc guard and tighten screws.

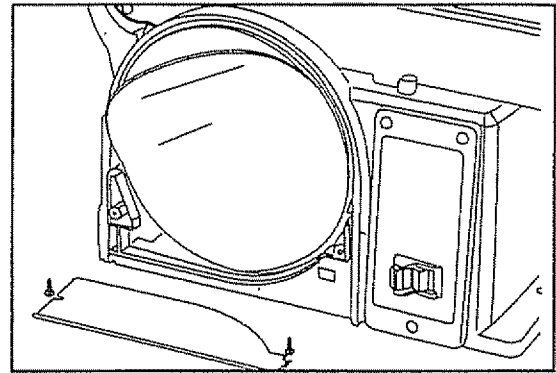


Fig. 5

■ Installing the sanding belt (see figure 6)

1. Loosen the bed locking screw, raise sanding bed 45°, tighten bed locking screw.
2. Release the tension lever.
3. Locate the directional arrow on the smooth side of the sanding belt.
4. Place the sanding belt over the drums with the directional arrow pointing toward the dust chute.
5. Center belt correctly on both drums.
6. Slide tension level to tighten belt to the bed.
7. Loosen bed locking screw, lower bed to horizontal position, tighten bed locking screw.

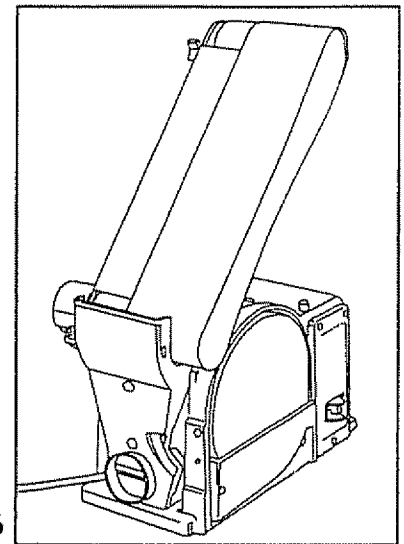


Fig. 6

■ Mounting the disc sander table (see figures 7,8)

1. Align the bracket to the bottom of the disc table.
2. Insert a locking washer, followed by the flat washer, on each screw.
3. Fasten bracket with screws to table.
4. Insert flat washer on disc table adjusting knob.
5. Install the table by lining up the indexing pin on the table bracket with the pivot hole on the frame. Hold in place.
6. Insert the spring load handle into the threaded hole and tighten.
7. Loosen the three screws holding the table to the bracket and adjust table so that edge is 1/16 inch from the disc. Tighten screws.

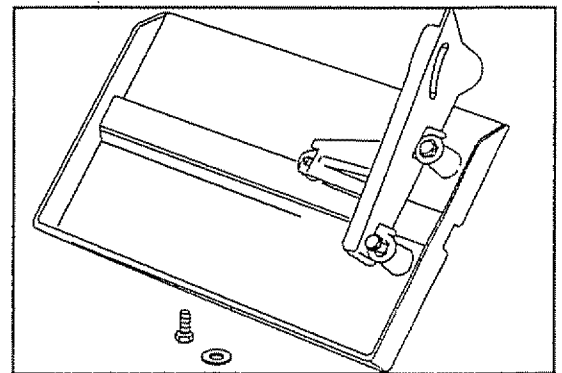
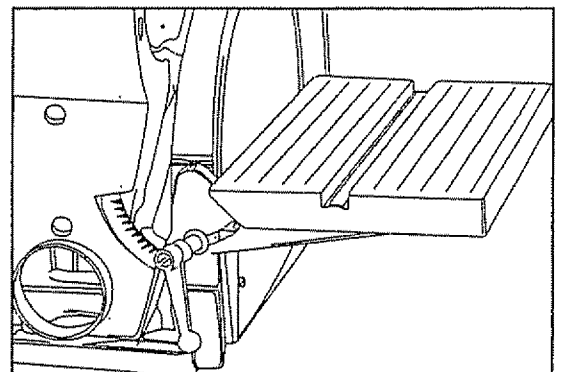


Fig. 7,8

WARNING

TO AVOID TRAPPING THE WORK PIECE OR FINGERS BETWEEN THE TABLE AND THE SANDING DISC, THE TABLE EDGE SHOULD BE ADJUSTED TO A MAXIMUM OF 1/16 INCH FROM THE SANDING DISC.



ASSEMBLY CONTINUED

■ Mounting the backstop (see figure 9)

1. Align backstop with hole.
2. Install lock washer and flat washer on screw.
3. Insert screw into backstop hole and tighten.

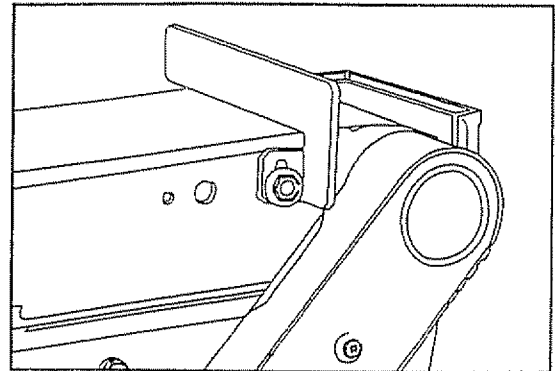


Fig. 9

■ Mounting the belt sander table (see figure 10)

1. Insert washer on belt sander table fastening screw.
2. Align holding bracket index and screw hole with indexing and screw hole located on side of the belt bed.
3. Insert screw and tighten.
4. Slide table adjusting bracket on holding bracket. Lock and adjust.

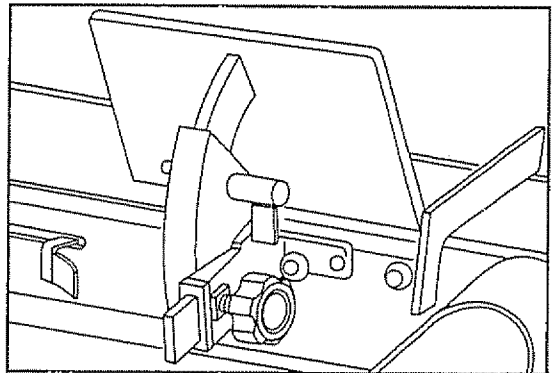


Fig. 10

■ Installing the dust deflector (see figure 11)

1. Insert deflector index pins in the tracks located on the side housing of the dust collecting assembly.
2. Slide upward to lock vertically. Lift up and pull downward allowing the dust collector to slide out of the way when not needed or when using the disc table at the end of the belt bed.

Note: Dust deflector can not be in vertical position when using the disc table on the belt bed. Dust deflector must be lowered or removed.

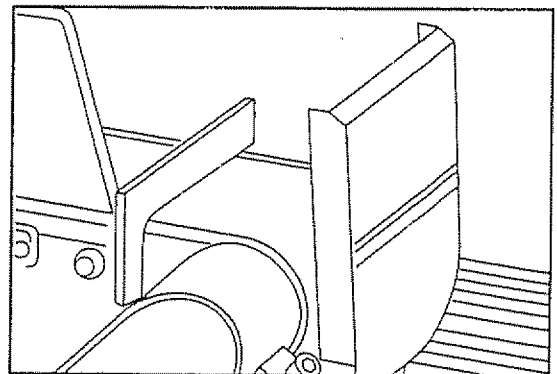


Fig. 11

■ Fastening sander to work surface (see figure 12)

1. To mount your sander in a permanent location such as a sturdy workbench, bolt the base of sander to a solid workbench top. The base of the sander has 2 predrilled mounting holes.
2. Place the sander where you desire on the work surface, mark the holes on the work surface, drill 3/8 inch holes. Use bolts, washer, nuts to secure.
3. If the workbench moves or shakes during operation, the workbench must be fastened to the floor.
4. Your sander is designed to be used on horizontal surfaces only. Motor damage may result when mounted on a non-horizontal surface.

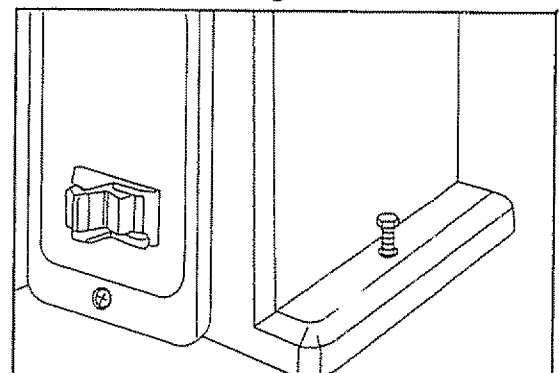


Fig. 12

OPERATION AND ADJUSTMENTS

■ ON / OFF switch (see figure 13)

The keyed switch is intended to prevent unauthorized use of the sander.

1. To turn sander "ON" insert the yellow key into the key slot in the center of the switch
2. Push key firmly into the slot, then push switch to the right to start the sander.
3. To turn the sander "OFF" push switch to the left.
4. Remove the yellow switch key when the sander has come to a complete stop by gently pulling it forward and out.

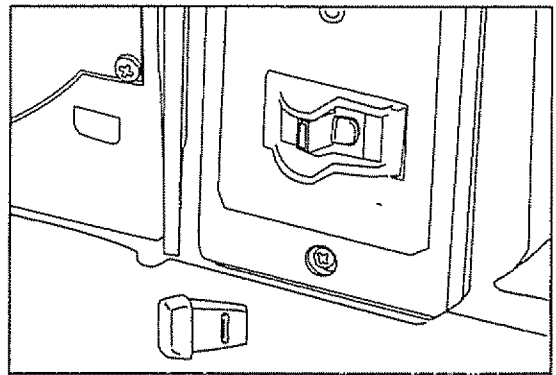


Fig. 13

■ WARNING

REMOVE THE KEY WHENEVER THE SANDER IS NOT IN USE. PLACE IT IN A SAFE PLACE AND OUT OF THE REACH OF CHILDREN.

■ Sanding belt tracking adjustment (see figure 14)

1. Plug in the power cord.
2. Turn the switch ON and OFF to see if the sanding belt is correctly centered and not sliding off the idler and drive roller drums.
3. If the sanding belt moves toward the disc, turn the tracking knob counter clockwise $1/4$ turn.
4. If the sanding belt moves away from the disc, turn the tracking knob clockwise $1/4$ turn.
5. Turn the switch ON and OFF again, readjust tracking knob if necessary.

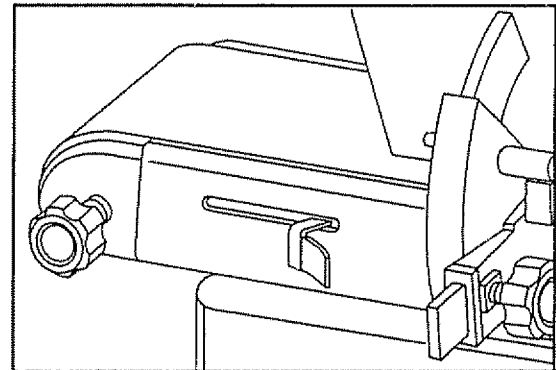


Fig. 14

■ Changing the sanding belt bed position (see figure 15)

The sanding bed can be used in the vertical position or any angle between. To use in the **full vertical** position, do the following:

1. Lower or remove the dust deflector.
2. Remove the backstop assembly.
3. Remove the belt table from the belt bed location.
4. Loosen the bed locking screw with hex key.
5. Tighten locking screw when at full vertical position.

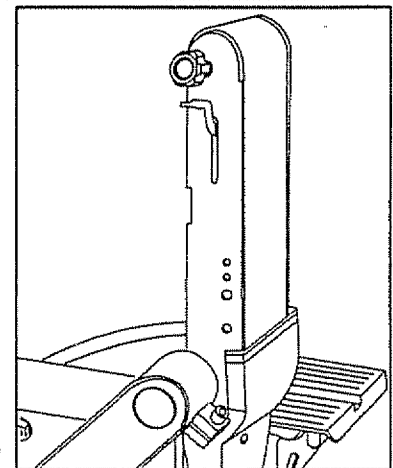


Fig. 15

■ Attach the disc table for vertical sanding. (see figure 16)

1. Remove the disc table assembly (table and bracket).
2. Attach the disc table bracket to the belt bed using the same pilot and screw holes that held the belt table assembly.
3. Tighten all mounting screws.
4. Adjust table to desired angle position
5. Ensure $1/16$ inch space between table edge and sanding belt bed. Readjust if needed.

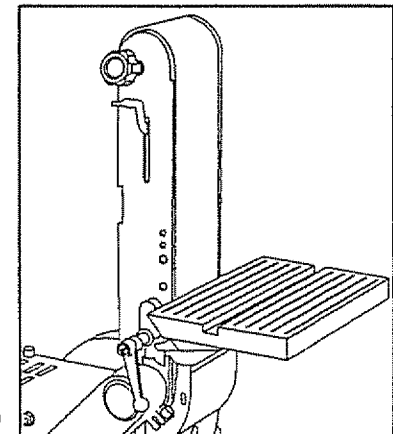


Fig. 16

OPERATION AND ADJUSTMENTS CONTINUED

■ Squaring the tables (see figure 17)

To ensure accurate end sanding the work tables must be square to the sanding surfaces prior to using the tables for disc sanding, belt sanding, or vertical belt sanding

1. Adjust table you will be using to be 90° with the sanding surface.
2. Using a combination square, place one end on the table with the ruler end against the sanding surface. Check that the table is 90° to the sanding surface.
3. If the table is not 90° to the sanding surface, loosen the table lock knob, adjust table, tighten knob and recheck with square.

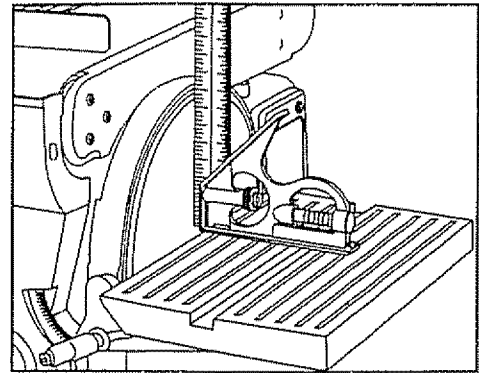


Fig. 17

■ Squaring the backstop

The backstop must be square to the sanding belt when using the belt sander in a horizontal position. To keep the workpiece from being carried along the belt:

1. Ensure that the sanding belt is tight, check the tension lever.
2. Place the combination square on the belt with the ruler against the backstop.
3. Adjust by loosening backstop locking screw, square backstop.
4. Tighten backstop locking screw.

■ Dust chute

The dust chute can be easily connected to a large diameter shop vacuum hose.

BASIC SANDING OPERATIONS

USING THE SANDING BELT

WARNING

AVOID INJURY FROM SLIPS, JAMS, OR THROWN PIECES, SQUARE TO 90° AND ADJUST THE BACKSTOP TO CLEAR THE SANDING BELT A MAXIMUM OF 1/16 INCH. REVIEW INSTRUCTION MANUAL FOR CORRECT ADJUSTMENTS.

■ Surface or edge sanding on the sanding belt (see figure 18)

Hold the workpiece firmly with both hands. Keep fingers away from sanding belt. Keep the workpiece end against the backstop and move the workpiece slowly across the sanding belt. Apply enough pressure to remove material; excessive pressure will reduce sanding efficiency.

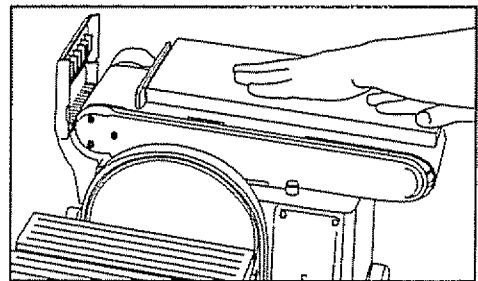


Fig. 18

■ End sanding on the belt (see figure 19)

End sanding of wide workpieces requires the use of the sanding belt bed in the vertical position and the disc table moved to the sanding belt.

Review Sections titled: "Changing the Sanding Belt Bed Position" and "Squaring the Tables" before an end sanding operation

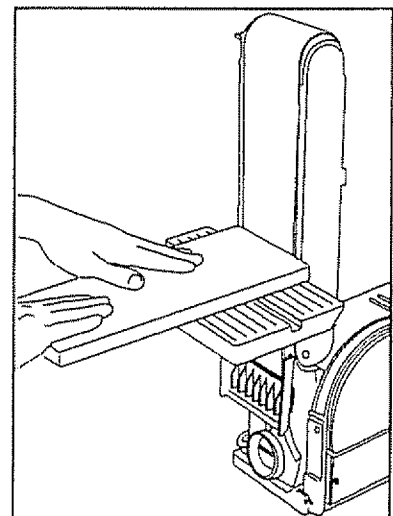


Fig. 19

BASIC SANDING OPERATIONS CONTINUED

■ Sanding inside curves (see figure 20)

Sanding the inside curve of the workpiece is done by positioning the workpiece on the idler pulley of the sanding belt. Hold workpiece firmly with both hands.

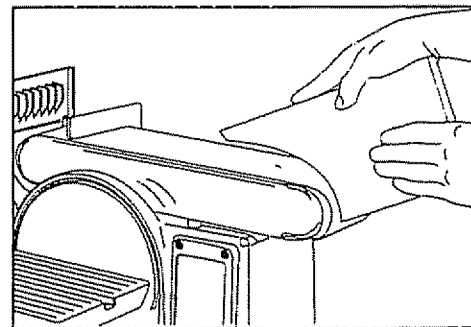


Fig. 20

■ Edge sanding of long workpieces (see figure 21)

Adjust the belt sander table to the desired angle for either straight or bevel sanding of the edge. Hold the workpiece tightly with both hands. Keep the workpiece firmly against the sanding belt table while moving the workpiece slowly across the table.

Note: For long pieces of wood, remove the back stop and dust deflector.

USING THE DISC SANDER

WARNING

AVOID INJURY FROM SLIPS, JAMS OR THROWN PIECES, MAKE SURE ALL ADJUSTMENTS ARE MADE. REVIEW SECTION "OPERATION AND ADJUSTMENTS" FOR CORRECT DISC ADJUSTMENTS AND OPERATING PROCEDURES.

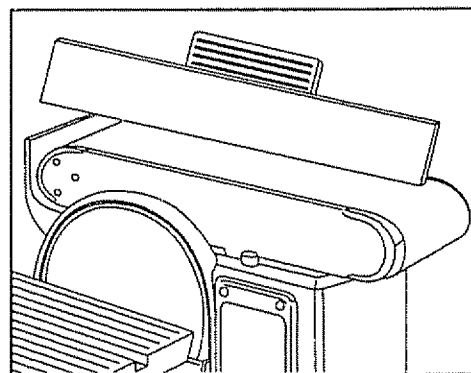


Fig. 21

■ End sanding and outside curve sanding with the disc (see figure 22)

Use for sanding the ends of small and narrow workpieces and outside curved edges. Always work on the left side of the disc center (downward rotation side), holding the workpiece firmly with light pressure against the sanding disc.

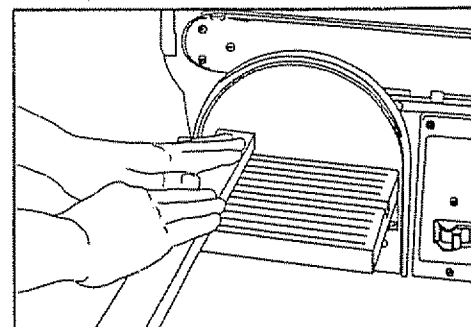


Fig. 22

WARNING

USING THE RIGHT SIDE (UPWARD ROTATION SIDE) OF THE DISC WILL CAUSE THE WORKPIECE TO FLY UP OR KICK BACK AND COULD RESULT IN INJURY.

CAUTION: TO AVOID PERSONAL INJURY AND/OR DAMAGE TO THE WORKPIECE, BECOME FAMILIAR WITH THE ROTATION OF THE BELT AND DISC SANDING SURFACES.

The belt sander rotates counterclockwise, or downward toward the table or backstop. The disc sander rotates counterclockwise, downward toward the table on the left side of the disc and upward from the table on the right side of the disc. Use the left side of the disc at all times; using the right side of the disc will cause the workpiece to fly up or kickback and could result in injury. Review this instruction manual for correct operation, adjustments, and basic sanding operations.

MAINTENANCE

WARNING

FOR YOUR SAFETY, TURN SWITCH "OFF" AND REMOVE THE POWER CORD FROM THE ELECTRICAL OUTLET BEFORE ADJUSTING OR PERFORMING MAINTENANCE ON YOUR SANDER.

WARNING

TO AVOID ELECTROCUTION OR FIRE, ALL REPAIRS TO THE ELECTRICAL COMPONENTS SHOULD BE DONE ONLY BY QUALIFIED SERVICE TECHNICIANS.

Before each use check for parts that are damaged, missing, or worn; check for alignment of moving parts, binding of moving parts, improper mounting, or any other conditions that may affect the sander operation. Should any of these conditions exist, do not use the sander until properly repaired or parts replaced. Frequently blow or vacuum dust from all sanding parts and motor housing.

LUBRICATION

Ball bearings are grease packed at the factory and require no further lubrication. Sleeve bearings on both ends of the idler pulley should be oiled with 3 drops of 30 weight oil after each 10 hours of operation. Use a spray lubricant to ensure smooth operation on all moving table parts.

DRIVE BELT (see figure 23 A,B)

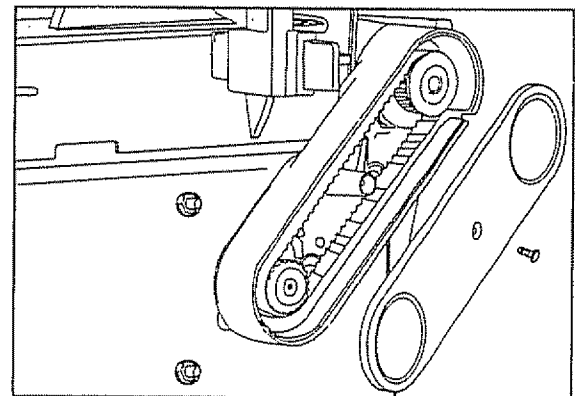
To adjust the drive belt follow these steps:

1. Remove the drive belt housing cover.
2. Loosen 3 screws allowing pulleys to slip. Drive belt should be seated correctly in the motor pulley and the drive pulley.

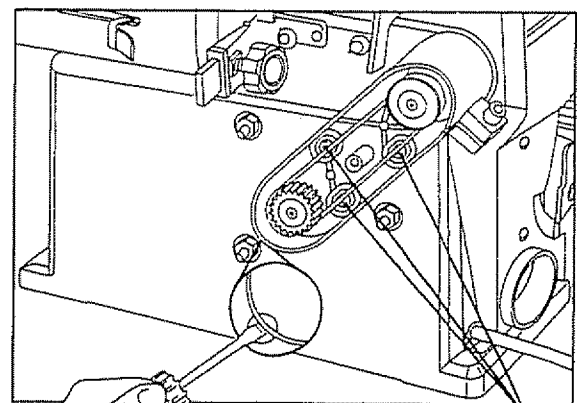
3. Adjust the tension of the belt by putting a slotted screwdriver in the bracing slot. Pushing up on the screwdriver will tighten the tension of the belt between the pulleys.
4. Tighten all 3 screws.
5. Test belt tension by squeezing both sides of the belt. If properly adjusted, the belt should "give" about 1/4 inch.
6. Carefully reinstall the drive belt housing cover, insert and tighten screw.

Note: Excessive tightness on the pulley belt will cause increased noise and motor overload. Premature failure will occur if belt is too loose.

Fig. 23



A



screws

B

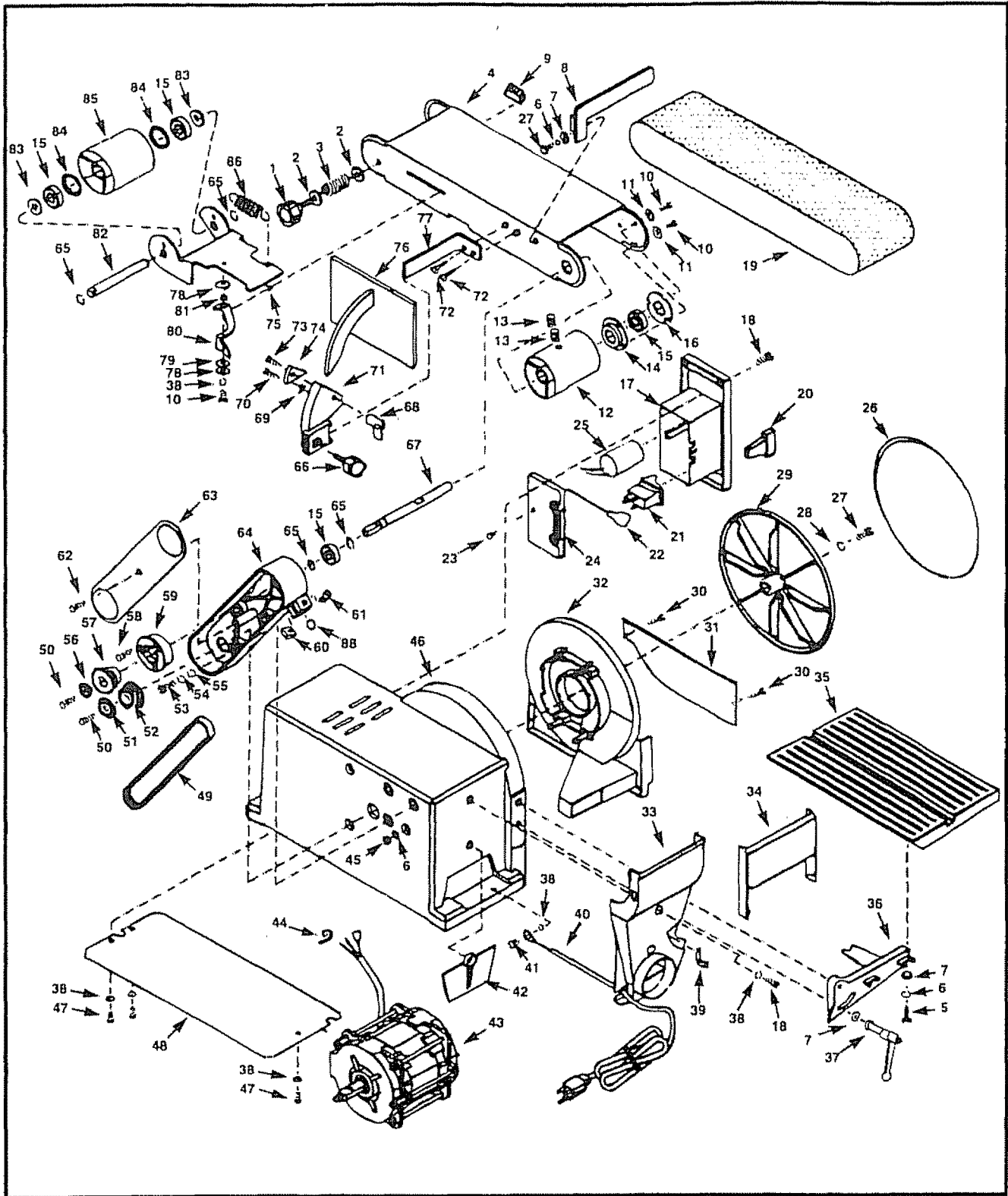
PARTS LIST

BELT / DISC SANDER

MODEL NO. 391.226560

Key	Part Number	Description	Quantity	Key	Part Number	Description	Quantity
1	226560001	Knob	1	48	226560048	Base cover plate	1
2	226560002	Spring base	2	49	226560049	Drive belt	1
3	226560003	Spring index	1	50	226560050	Screw flat cross M5x14	2
4	226560004	Bed	1	51	226560051	Washer countersink	1
5	226560005	Screw hex 6x14mm	2	52	226560052	Pulley	1
6	226560006	Lockwasher 6	3	53	226560053	Screw hex soc cap M6x20	1
7	226560007	Washer	3	54	226560054	Lockwasher helical 6	1
8	226560008	Backstop	1	55	226560055	Lockwasher helical 6	1
9	226560009	Bumper	1	56	226560056	Washer countersink	1
10	226560010	Screw pan hd 5x10mm	3	57	226560057	Pulley	1
11	226560011	Lockwasher 5	2	58	226560058	Screw hex soc cap M5x25	1
12	226560012	Drum idler	1	59	226560059	Support bearing	1
13	226560013	Screw socket set M8x10	2	60	226560060	Nut square M8	1
14	226560014	Cap bearing	1	61	226560061	Screw hex soc cap M8x30	1
15	226560015	Bearing w/felt washer	4	62	226560062	Screw flat cross M5x10	1
16	226560016	Spacer bearing	1	63	226560063	Belt cover	1
17	226560017	Switch housing	1	64	226560064	Support bed	1
18	226560018	Screw pan hd M5x14mm	2	65	226560065	Retaining ring 12	4
19	226560019	Sanding belt 4"x36"	1	66	226560066	Knob	1
20	226560020	Switch key (yellow)	1	67	226560067	Drive shaft	1
21	226560021	Locking switch	1	68	226560068	Tilt lock	1
22	226560022	Lead	1	69	226560069	Index pointer	1
23	226560023	Screw pan cross	1	70	226560070	Screw pan hd M3x4	1
24	226560024	Switch box cover	1	71	226560071	Adjusting pointer	1
25	226560025	Capacitor 30UF	1	72	226560072	Screw hex soc cap M6x10	1
26	226560026	Sanding disc 8"	1	73	226560073	Screw pan hd M5x16	1
27	226560027	Screw hex soc cap M6x12	1	74	226560074	Wedge	1
28	226560028	Lockwasher ext 6	1	75	226560075	Guide drum	1
29	226560029	Disc-plate	1	76	226560076	Bed bed table	1
30	226560030	Screw pan hd st 2x13	4	77	226560077	Side bracket	1
31	226560031	Disc guard	1	78	226560078	Washer 5	2
32	226560032	Disc shroud	1	79	226560079	Rubber washer	1
33	226560033	Dust housing	1	80	226560080	Spacer lever knob	1
34	226560034	Dust deflector	1	81	226560081	Spacer	1
35	226560035	Disc table	1	82	226560082	Idler shaft	1
36	226560036	Disc table bracket	1	83	226560083	Washer	2
37	226560037	Spring load handle	1	84	226560084	Axle ring 28	2
38	226560038	Lockwasher ext 5	6	85	226560085	Idler drum	1
39	226560039	Index scale	1	86	226560086	Tension spring	1
40	226560040	Cord w/plug	1	88	226560088	Plastic washer	1
41	226560041	Screw pan hd M5x8	1	89 *	226560089	Hex key 5mm	1
42	226560042	Dust plate	1	90 *	226560090	Hex key 6mm	1
43	226560043	Motor	1	99 *	226560099	Name plate	1
44	226560044	Connector wire	1	100*	226560100	Warning label	1
45	226560045	Hex nut M6	1	101*	226560101	Rotation label	2
46	226560046	Base	1	102*	226560102	Owner's manual	1
47	226560047	Screw pan hd M5x6	3				

* Not Shown



SEARS/CRAFTSMAN®

OWNER'S MANUAL

SERVICE

MODEL NO.
319.226560

HOW TO ORDER REPAIR PARTS

To Call
Toll Free
For Service:

1-800-4-REPAIR
(1-800-473-7247)

For Parts:

1-800-366-PART
(1-800-366-7278)

BELT/DISC SANDER

Now that you have purchased your Belt/Disc Sander, should a need ever exist for repair parts or service, simply contact any Sears Service Center and most Sears stores. Be sure to provide all pertinent facts when you call or visit.

The model number of your Belt and Disc Sander will be found on the plate attached to your sander.

WHEN ORDERING REPAIR PARTS. ALWAYS
GIVE THE FOLLOWING INFORMATION.

• PART NUMBER	• PART DESCRIPTION
• MODEL NUMBER	• NAME OF ITEM
319.226560	BELT/DISC SANDER

All repair parts listed are available for immediate purchase or special order when you visit your nearest Sears Service Center, or the Service Department at most Sears stores. To order parts by phone, call the toll free parts number listed to the left.

Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.