

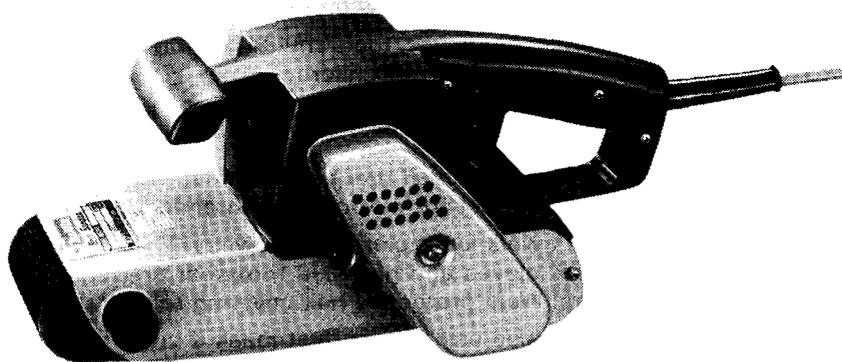
# Makita

アメリカ

## Belt Sander

76 mm (3") MODEL 9924B

### INSTRUCTION MANUAL



 **DOUBLE INSULATION**

#### Specifications

Belt size	Belt speed per minute	Continuous rating (Input)	Overall length	Net weight	Power supply cord
76 mm x 610 mm (3") x (24")	400 m (1,300 ft.)	850 W	355 mm (14")	4.6 kg (10.1 lbs)	5 m (16.4 lbs)

\* Manufacturer reserves the right to change specifications of parts and accessories without notice.

\* Note: Specifications of parts and accessories may vary from country to country.

# **IMPORTANT SAFETY INSTRUCTIONS**

**(For All Tools)**

**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 INSTRUCTIONS.**

- 1. KEEP WORK AREA CLEAN.** Cluttered areas and benches invite injuries.
- 2. CONSIDER WORK AREA ENVIRONMENT.** Don't use power tools in damp or wet locations. Keep work area well lit. Don't expose power tools to rain. Don't use tool in presence of flammable liquids or gases.
- 3. KEEP CHILDREN AWAY.** All visitors should be kept away from work area. Don't let visitors contact tool or extension cord.
- 4. STORE IDLE TOOLS.** When not in use, tools should be stored in dry, and high or locked-up place — out of reach of children.
- 5. DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
- 6. USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy-duty tool. Don't use tool for purpose not intended.
- 7. DRESS PROPERLY.** Don't wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
- 8. USE SAFETY GLASSES.** Also use face or dust mask if cutting operation is dusty.
- 9. DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
- 10. SECURE WORK.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
- 11. DON'T OVERREACH.** Keep proper footing and balance at all times.
- 12. MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
- 13. DISCONNECT TOOLS.** When not in use, before servicing, and when changing accessories, such as blades, bits, cutters.

14. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
15. **AVOID UNINTENTIONAL STARTING.** Don't carry plugged-in tool with finger on switch. Be sure switch is OFF when plugging in.
16. **OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
17. **STAY ALERT.** Watch what you are doing, use common sense. Don't operate tool when you are tired.
18. **CHECK DAMAGED PARTS.** Before further use of the 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, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by authorized service center. Don't use tool if switch does not turn it on and off.
19. **GUARD AGAINST ELECTRIC SHOCK.** Prevent body contact with grounded surfaces. For example; pipes, radiators, ranges, refrigerator enclosures.
20. **REPLACEMENT PARTS.** When servicing, use only identical replacement parts.
21. **POLARIZED PLUGS.** To reduce the risk of electric shock, this equipment has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

**VOLTAGE WARNING:** Before connecting the tool to a power source (receptacle, outlet, etc.) be sure the voltage supplied is the same as that specified on the nameplate of the tool. A power source with voltage greater than that specified for the tool can result in **SERIOUS INJURY** to the user — as well as damage to the tool. If in doubt, **DO NOT PLUG IN THE TOOL.** Using a power source with voltage less than the nameplate rating is harmful to the motor.

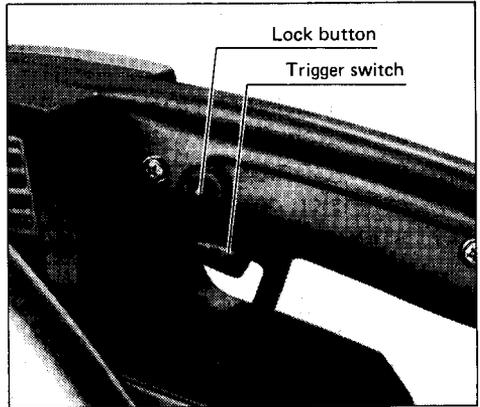
**SAVE THESE INSTRUCTIONS.**

## How to use

### • Switch action

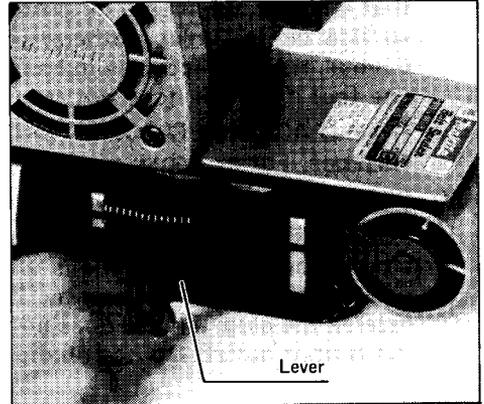
To start the tool, simply pull the trigger. Release the trigger to stop.

For continuous operation without having to keep your finger on the trigger, just pull the trigger and then push in the lock button with your thumb. To stop the tool from lock position, just pull the trigger again and release it.



### • Mounting belt

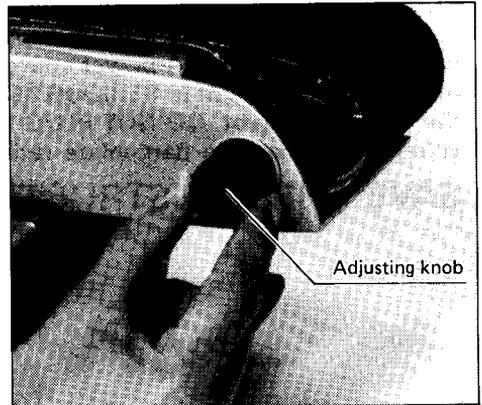
With the tool unplugged and the lever pulled out all the way, slip the belt over the rollers with the arrow direction on the belt the same as that of tool revolution (or belt life is shortened).



### • Belt adjustment

Flip sander over on its back and use the adjustment knob to obtain equal tension of belt over the front and back rollers. Then plug in sander and switch it on, using the adjustment knob to center the belt as it runs over the rollers.

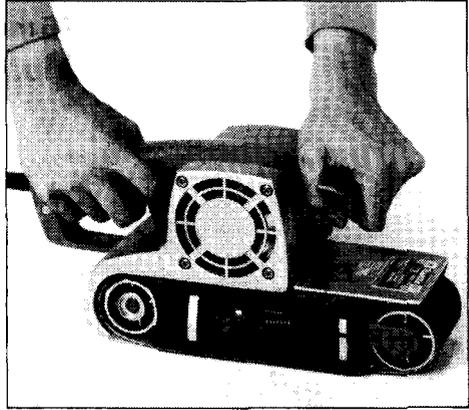
Failure to adjust belt properly over rollers can result in frayed belt edges.



### • Starting and stopping sanding operations

The sander should not be in contact with the work surface when you switch the tool on or off.

Failure to disengage the sander from the surface when starting or stopping may cause a poor sanding finish and damage the belt as well.



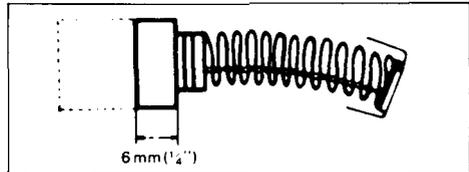
### • Sanding suggestions

Grip the sander firmly in front and back and move the tool back and forth without applying any pressure. The mere weight of the tool accomplishes an even sanding job. Pressing down will only reduce efficiency and wear out the belt faster. For longer belt life, remove grease etc. from surface before operations. At the end of each sanding stroke, shift sander sideways approximately one-half the width of your belt. Keep the sander level, flush with the work, and sand each area for the same amount of time.

## Maintenance

### • Carbon brushes

Replace carbon brushes when they wear down to about 6 mm (1/4") or sparking will occur. Both brushes should be changed at the same time.



## Optional accessories

**CAUTION:** The accessories specified in this manual are recommended for use with your Makita Belt Sander. The use of any other accessory might be hazardous.

### • Carbon plate

Part No. 423028-5



### • Steel plate

Part No. 342526-9

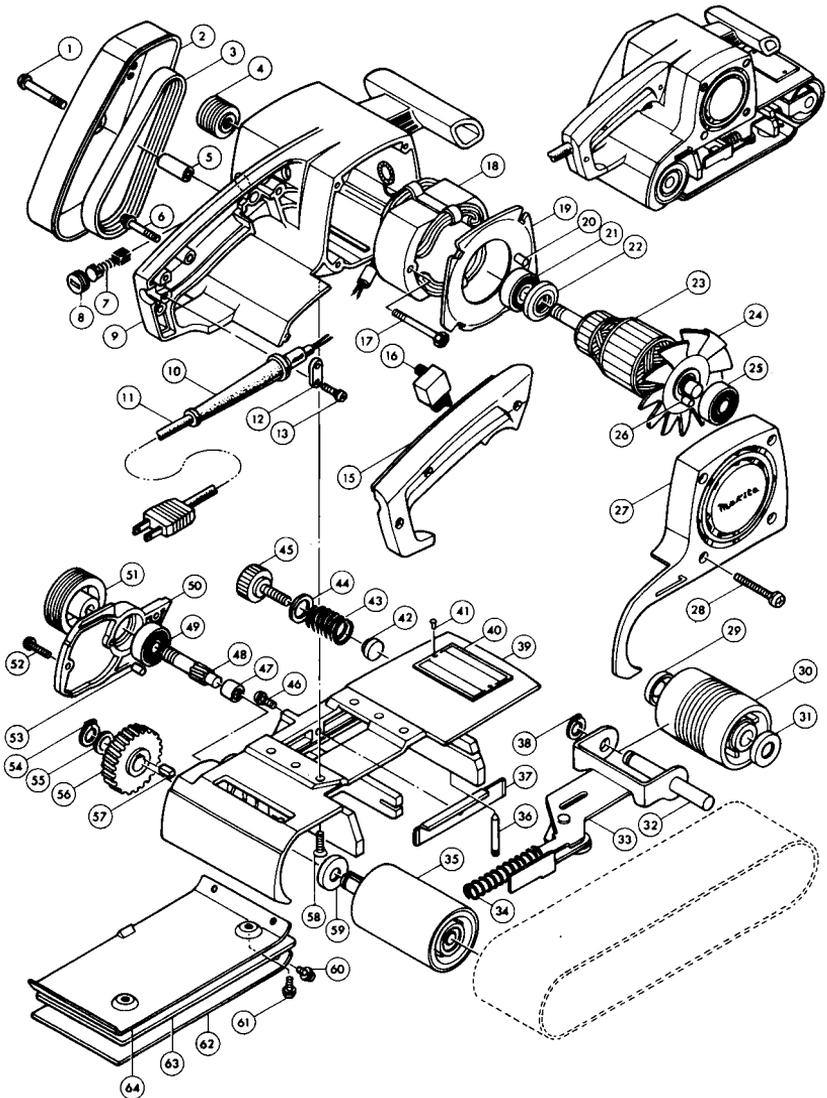


### **CAUTION:**

Install the steel plate so that THE EDGE OF THE STEEL PLATE WILL NOT PROTRUDE FROM THE EDGE OF THE BASE PLATE ON THE SIDE WITH THE BELT INSTALLING LEVER.

IF THE PLATE IS ALLOWED TO PROTRUDE, IT MAY CAUSE INJURY.

# 76 mm (3") BELT SANDER Model 9924B



ITEM NO.	NO. USED	DESCRIPTION	ITEM NO.	NO. USED	DESCRIPTION
<u>MACHINE</u>			<u>MACHINE</u>		
1	1	P. H. Screw M5x40 (With Washer)	33	1	Tension Roller Arm
2	1	Belt Cover	34	1	Compression Spring 11
3	1	Poly V-Belt 5-304	35	1	Driving Roller
4	1	V-Pulley 5-25L	36	1	Support Pin
5	1	Sleeve 6	37	1	Edge Slider
6	3	P. H. Screw M4x30 (With Washer)	38	1	Retaining Ring S-12
7	2	Carbon Brush	39	1	Frame
8	2	Brush Holder Cap	40	1	Name Plate
9	1	Motor Housing (With Brush Holder x 2 & S. Screw M5x8 x 2)	41	2	Rivet 0-5
10	1	Cord Guard	42	1	Shoe
11	1	CORD ASSEMBLY (Assembled Cord, Plug & Cord Guard)	43	1	Compression Spring 16
12	1	Strain Relief	44	1	F. Washer 16
13	2	P. H. Screw M4x18 (With Washer)	45	1	Screw M6x25
15	1	Handle Cover	46	1	P. H. Screw M5x12 (With Washer)
16	1	Switch	47	1	Needle Bearing 810
17	2	H. Bolt M5x45	48	1	Helical Gear 10
18	1	FIELD ASSEMBLY (With Garter Spring x 2)	49	1	Ball Bearing 6200LLB
19	1	Baffle Plate	50	1	Gear Cover
20	1	Rubber Pin 4	51	1	V-Pulley 5-45
21	1	Ball Bearing 6200LLB	52	2	P. H. Screw M4x18 (With Washer)
22	1	Insulation Washer	53	1	Rubber Pin 4
23	1	ARMATURE ASSEMBLY (Assembled Items 21 - 25)	54	1	Retaining Ring S-12
24	1	Fan 80	55	A.R.	T. Washer 12
25	1	Ball Bearing 6200LLB	56	1	Helical Gear 48
26	1	Rubber Pin 4	57	1	Key 4
27	1	Motor Cover	58	6	C. H. Screw M5x18
28	4	P. H. Screw M5x40 (With Washer)	59	1	Cup Washer 12
29	1	Cup Washer 12	60	2	P. H. Screw M4x10 (With Washer)
30	1	Tension Roller	61	2	P. H. Screw M4x10 (With Washer)
31	1	Cup Washer 12	62	1	Steel Plate
32	1	Tension Roller Shaft	63	1	Cork Rubber Plate
			64	1	Base Plate



# MAKITA LIMITED ONE YEAR WARRANTY

## Warranty Policy

Every Makita tool is thoroughly inspected and tested before leaving the factory. It is warranted to be free of defects from workmanship and materials for the period of ONE YEAR from the date of original purchase. Should any trouble develop during this one-year period, return the COMPLETE tool, freight prepaid, to one of Makita's Factory or Authorized Service Centers. If inspection shows the trouble is caused by defective workmanship or material, Makita will repair (or at our option, replace) without charge.

This Warranty does not apply where:

- repairs have been made or attempted by others;
- repairs are required because of normal wear and tear;
- The tool has been abused, misused or improperly maintained;
- alterations have been made to the tool.

IN NO EVENT SHALL MAKITA BE LIABLE FOR ANY INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES FROM THE SALE OR USE OF THE PRODUCT. THIS DISCLAIMER APPLIES BOTH DURING AND AFTER THE TERM OF THIS WARRANTY.

MAKITA DISCLAIMS LIABILITY FOR ANY IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF "MERCHANTABILITY" AND "FITNESS FOR A SPECIFIC PURPOSE," AFTER THE ONE-YEAR TERM OF THIS WARRANTY.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.

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