

Important

To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment (including brush inspection and replacement) should be performed by Black & Decker Service Centers or other qualified service organizations, always using Black & Decker replacement parts. When servicing Double-Insulated Tools, USE ONLY IDENTICAL REPLACEMENT PARTS.

Black & Decker's Full Two Year Warranty states that, in case of defect, you may return the tool to the place of purchase for a free replacement (if it is a participating retailer) or you may take it to a Black & Decker Service Center.

Home Use Warranty (A Full Two Year Warranty)

Black & Decker (U.S.) Inc. warrants this product for two years against any defects that are due to faulty material or workmanship. Please return the complete unit, transportation prepaid, to the seller (if a participating retailer) for free replacement (proof of purchase may be required). This unit may also be returned to a Black & Decker Service Center or Authorized Service Station, listed under "Tools Electric" in the yellow pages for free replacement or repair at our option. This warranty does not apply to accessories. This warranty gives you specific legal rights and you may have other rights which vary from state to state. Should you have any questions, contact your nearest Black & Decker Service Center Manager.

Every Black & Decker tool is of the highest quality. If you wish to contact us regarding this product, please call toll free between 8:00 a.m. and 5:00 p.m. EST, Monday through Friday.

1-800-762-6672

Like most Black & Decker tools, your Belt Sander is listed by Underwriters Laboratories to ensure that it meets stringent safety requirements.



This symbol on the nameplate means the product is listed by Underwriters Laboratories, Inc.



See 'Tools-Electric'
-Yellow Pages-
for Service & Sales



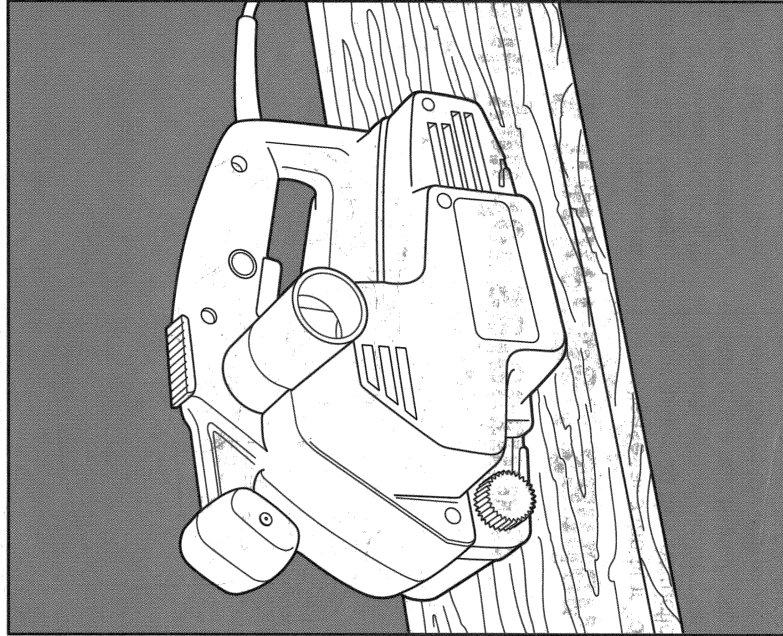
BLACK & DECKER

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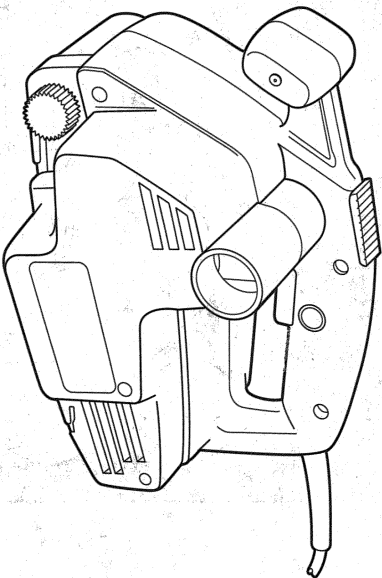
7498

323954-00



Instruction Manual

**Variable Speed Belt Sander
with Dust Collection
7498**



Thank you for selecting a Black & Decker Belt Sander.

Powerful, compact and easy to use, your new Belt Sander is the perfect tool for removing paint, varnishes and stains. Its high removal rate is excellent for rough sanding of lumber, rounding edges and smoothing out badly scarred surfaces.

Please take the time to carefully read this instruction manual with particular attention to the safety instructions. Don't forget to send in your registration card. THANKS FOR BUYING BLACK & DECKER!



IMPORTANT SAFETY INSTRUCTIONS (For All Tools)

WARNING: When using Electric Tools, basic safety precautions should always be followed to reduce 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 expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit.
3. **GUARD AGAINST ELECTRIC SHOCK.** Prevent body contact with grounded surfaces. For example: pipes, radiators, ranges, refrigerator enclosures.
4. **KEEP CHILDREN AWAY.** All visitors should be kept away from work area. Do not let visitors contact tool or extension cord.
5. **STORE IDLE TOOLS.** When not in use, tools should be stored in dry, and high or locked-up place - out of reach of children.
6. **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
7. **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, for example, don't use circular saw for cutting tree limbs or logs.
8. **DRESS PROPERLY.** Do not wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and nonskid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
9. **USE SAFETY GLASSES.** Also use face or dustmask if cutting operation is dusty.
10. **DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
11. **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.
12. **DON'T OVERREACH.** Keep proper footing and balance at all times.
13. **MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safe 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.
14. **DISCONNECT TOOLS.** When not in use, before servicing, and when changing accessories, such as blades, bits, cutters.
15. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
16. **AVOID UNINTENTIONAL STARTING.** Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.
17. **OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
18. **STAY ALERT.** Watch what you are doing. Use common sense. Do not operate tool when you are tired.
19. **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 defective 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. Do not use tool if switch does not turn it on and off.
20. **DO NOT OPERATE** portable electric tools near flammable liquids or in gaseous or explosive atmospheres. Motors in these tools normally spark, and the sparks might ignite fumes.
21. **KEEP FINGERS AND CLOTHING AWAY FROM SANDING BELT.**

SAVE THESE INSTRUCTIONS

Motor

Be sure your power supply agrees with the nameplate marking.

120 volts AC only means your tool may be operated only with alternating current and never with direct current.

Voltage decrease of more than 10% will cause loss of power and overheating. All Black & Decker tools are factory tested; if this tool does not operate, check the power supply.

Extension Cords

Double insulated tools have 2 wire cords, and can be used with 2 wire or three wire extension cords. Only round jacketed extension cords should be used, and we recommend that they be listed by Underwriter's Laboratories (U.L.). If the extension will be used outside, the cord must be suitable for outdoor use. Any cord marked as outdoor can also be used for indoor work. The letters "WA" on the cord jacket indicate that the cord is suitable for outdoor use.

An extension cord must have adequate wire size (AWG or American Wire Gauge) for safety, and to prevent loss of power and overheating. The smaller the gauge number of the wire, the greater the capacity of the cable, that is 16 gauge has more capacity than 18 gauge. When using more than one extension to make up the total length, be sure each individual extension contains at least the minimum wire size.

Cleaning and Lubrication

Use only mild soap and a damp cloth to clean the tool. Many household cleaners contain chemicals which could seriously damage the plastic. Also do not use gasoline, turpentine, lacquer or paint thinner, dry cleaning fluids or similar products. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

Self-lubricating bearings are used in the tool and periodic relubrication is not required. In the unlikely event that service is ever needed, service center addresses are shown on the registration card packed with your tool.

Double Insulation

Your unit is DOUBLE INSULATED to give you added safety. This means that it is constructed throughout with TWO separate "layers" of electrical insulation or one DOUBLE thickness of insulation between you and the tool's electrical system.

Tools built with this improved insulation system are not intended to be grounded. As a result, your tool is equipped with a two-prong plug which permits you to use extension cords with-out concern for maintaining a ground connection.

NOTE: DOUBLE-INSULATION does not take the place of normal safety precautions when operating this tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

To determine the minimum wire size required, refer to the chart below:

CHART FOR MINIMUM WIRE SIZE (AWG) OF EXTENSION CORDS										
NAMEPLATE RATING-AMPS	25	50	75	100	125	150	175	200	TOTAL EXTENSION CORD LENGTH- FEET	
0 - 10.0	18	18	16	16	14	14	12	12		
10.1 - 13.0	16	16	14	14	14	12	12	12		
13.1 - 15.0	14	14	12	12	12	12	12	12		

Before using an extension cord, inspect it for loose or damaged wires, damaged insulation, and defective fittings. Make any needed repairs or replace the cord if necessary. Black & Decker has extension cords available that are U.L. listed for outdoor use.

Some painted surfaces having several coats of paint will quickly clog the sanding belt. If you encounter such a surface and reducing the speed doesn't help, a Black & Decker Heat'n Strip (available at your local Black & Decker Dealer at extra cost) will be more economical than repeated belt changings.

Precautions To Take When Sanding Paint

- I. Sanding of lead based paint is NOT RECOMMENDED due to the difficulty of controlling the contaminated dust. The greatest danger of lead poisoning is to children and pregnant women.
- II. Since it is difficult to identify whether or not a paint contains lead without a chemical analysis, we recommend the following precautions when sanding any paint.

A. PERSONAL SAFETY

1. No children or pregnant women should enter the work area where paint sanding is being done until all clean-up is completed.
2. A dust mask or respirator should be worn by all persons entering the work area. The filter should be replaced daily or whenever the wearer has difficulty breathing.
NOTE: ONLY THOSE DUST MASKS SUITABLE FOR WORK-ING WITH LEAD PAINT DUST AND FUMES SHOULD BE USED.
ORDINARY PAINTING MASKS DO NOT OFFER THIS PROTECTION. SEE YOUR LOCAL HARDWARE DEALER FOR THE PROPER NIOSH APPROVED MASK.
3. NO EATING, DRINKING, or SMOKING should be done in the work area to prevent ingesting contaminated paint particles. Workers should wash and clean up BEFORE eating, drinking or smoking. Articles of food, drink, or smoking should not be left in the work area where dust would settle on them.

B. ENVIRONMENTAL SAFETY

1. Paint should be removed in such a manner as to minimize the amount of dust generated.

2. Areas where paint removal is occurring should be sealed with plastic sheeting of 4 mils thickness.
3. Sanding should be done in a manner to reduce tracking of paint dust outside the work area.

C. CLEANING AND DISPOSAL

1. All surfaces in the work area should be vacuumed and thoroughly cleaned daily for the duration of the sanding project. Vacuum filter bags should be changed frequently.
2. Plastic drop cloths should be gathered up and disposed of along with any dust chips or other removable debris. They should be placed in sealed refuse receptacles and disposed of through regular trash pick up procedures. During clean up, children and pregnant women should be kept away from the immediate work area.
3. All toys, washable furniture and utensils should be washed thoroughly before being used again.

Accessories

The accessories listed in this manual are available at extra cost from your local dealer or Black & Decker Service Center. A complete listing of service centers is included on the owner's registration card packed with your tool.

If you need assistance in locating any accessory, please contact:

Black & Decker (U.S.) Inc.
Consumer Service Department
626 Hanover Pike
P.O. Box 618
Hampstead, MD 21074-0618

Accessories designed for use with your 7498 Belt Sander are listed below.

CAUTION: THE USE OF ANY ACCESSORY OR ATTACHMENT NOT RECOMMENDED FOR USE WITH THIS TOOL COULD BE HAZARDOUS.

DESCRIPTION

3" x 21"	36 Grit
3" x 21"	60 Grit
3" x 21"	80 Grit
3" x 21"	100 Grit
Protective glasses	

CAUTION: When servicing all tools, USE ONLY IDENTICAL REPLACEMENT PARTS. Repair or replace damaged cords.

SAVE THESE INSTRUCTIONS

Switch

Your sander is equipped with a variable speed switch for greater versatility. To turn the tool ON, squeeze the trigger switch shown in FIG. 1. To adjust speed from 600 sfpm (setting one) to 950 sfpm (setting max.) rotate the Variable Speed Control Dial shown in FIG. 5. To turn the tool OFF, release the trigger switch.

VARIABLE SPEED APPLICATION

MATERIAL	SPEED SETTING
Solid wood removal	5 - max.
Solid wood finish	4 - 6
Veneer	1 - 4
Chipboard	5 - max.
Plastic	4 - 6
Metal	3 - 5
Paint removal	2 - 5

To run the tool continuously, turn it ON at full speed and hold the trigger while you depress the lock button in the side of the handle adjacent to the trigger. Hold the lock button in while you gently release the trigger. To turn the sander OFF, from a locked ON position, squeeze and release the trigger once.

When storing the tool, ensure that you release the trigger lock. If it remains locked on, the tool will start immediately the next time it's plugged in.

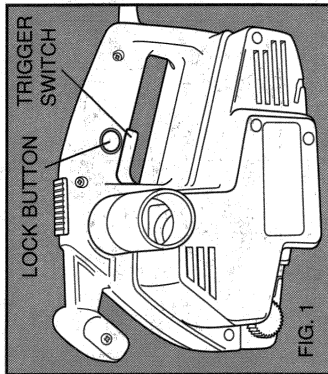


FIG. 1

Changing the Sanding Belt

1. TURN OFF AND UNPLUG THE SANDER.
2. Release the belt tensioning lever on the right side of the tool, as shown in FIG. 2, by pulling it out and pushing forward.

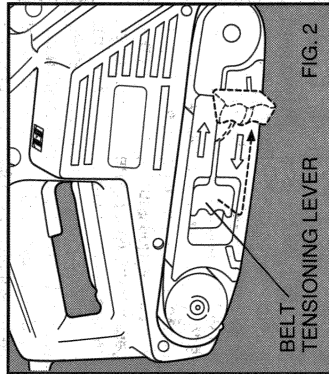
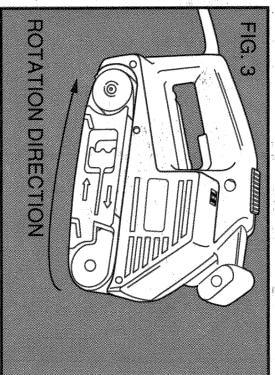


FIG. 2

3. Slip the belt off of the sander and install the new one so that the arrow or arrows on the inside of the belt point in the correct direction of rotation as shown in FIG. 3.

CAUTION: Sanding belts installed backwards can create a hazardous condition.



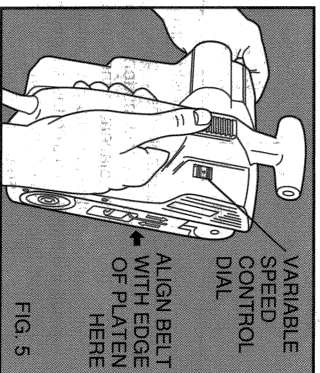
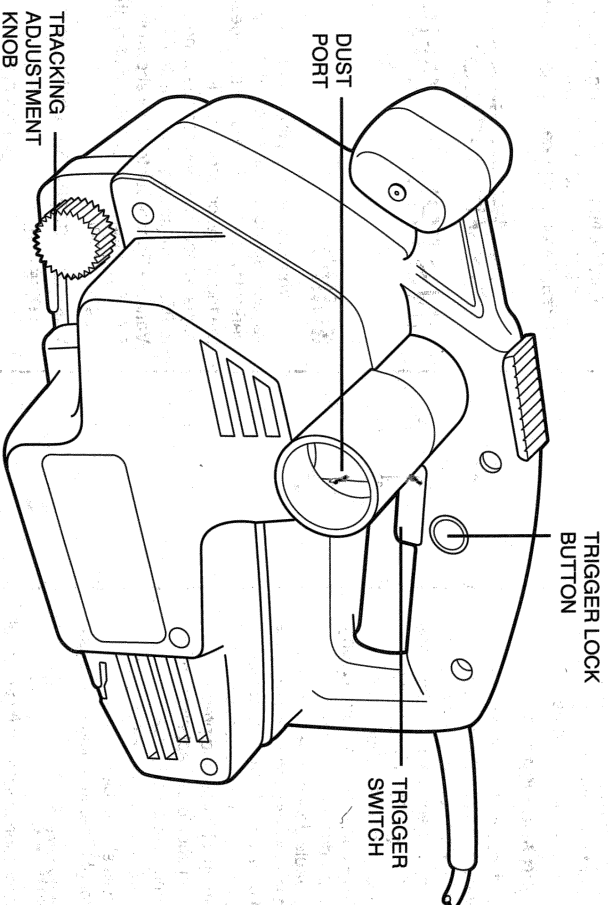
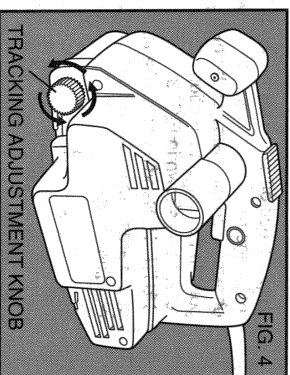
4. Push the belt tensioning lever back into position.
5. The sander is now ready to go to work.

Belt Tracking Procedure: Wear Eye Protection

ADJUST BELT TRACKING AS FOLLOWS:

Turn the tool on and observe the tracking of the sanding belt. A properly tracking belt rides even with the outer edge of the platen. (The platen is the flat metal plate that covers the bottom of the sander.) If the belt on your sander is not tracking evenly with the outer edge of the sander platen, adjust it by turning the Tracking Adjustment Knob shown in FIG. 4.

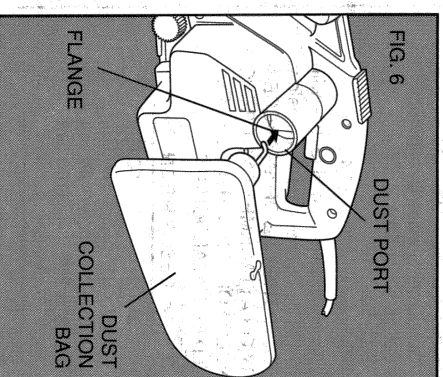
4. Turn the knob clockwise to move the belt to the right as viewed in FIG. 5, and counter-clockwise to move it to the left. Check the tracking of the sanding belt periodically as you operate the tool. Readjust whenever the sanding belt is not even with the outer edge of the platen.



Dust Collection

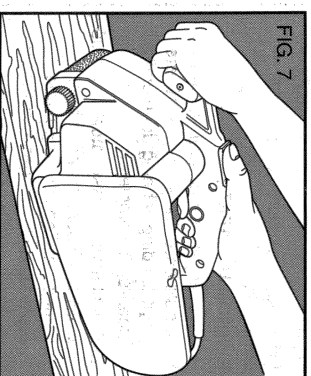
Your sander is designed for dust collection. To collect dust, install the dust collection bag included with your sander. Insert the plastic adapter from the bag into the dust port of the tool, as shown in FIG. 6. Rotate the bag so that the wire hook protruding from the adapter contacts the flange inside the dust port.

Empty the bag often (at about 1/2 full). A clean or near empty bag is much more efficient at collecting dust than a dirty or full one.



Operation: Wear Eye Protection

Grasp the sander with both hands as shown in FIG. 7. Turn the tool on before contacting the work surface. Let the sander reach full speed and then, advance it to the wood with a slight forward motion. Make smooth even strokes in a forward and back motion (not side to side), going over the surface several times as necessary until the desired finish is attained. Always sand either with the grain or diagonally to it.



Your sander has been carefully engineered to be the correct weight for proper sanding. Don't apply downward force in an attempt to increase the removal rate. Higher removal rates can be achieved by using fresh, coarser sanding belts. For rough surfaces, start with a coarse belt until the surface is uniform. Change to a medium grit belt and repeat until the surface is uniform but a little smoother than before. Keep changing belts (always decreasing the coarseness) until you are using the finest grit available. If an even smoother finish is desired, use a Black & Decker finishing sander.

HINT: A trick used by some craftsmen is to use an old, used fine grit sanding belt as a super fine finishing belt. This will usually give a finish close to that of a finishing sander, but extra caution is required to prevent marring the surface.