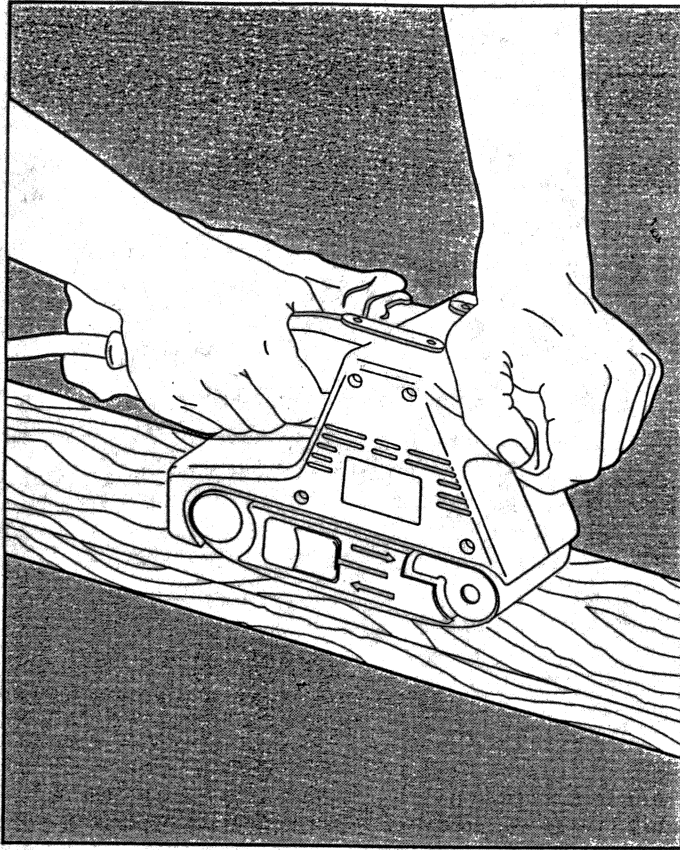




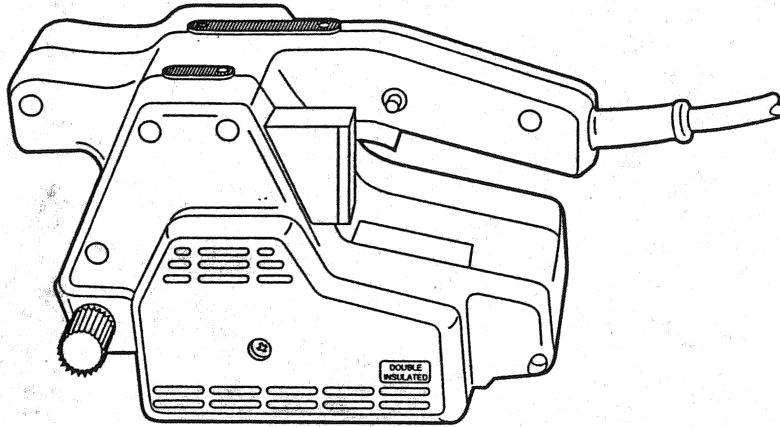
BLACK & DECKER®



Instruction Manual

2 1/2" x 16" Belt Sander

7496



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!



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.

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.

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

CHART FOR MINIMUM WIRE SIZE (AWG) OF EXTENSION CORDS

NAMEPLATE RATING-AMPS	TOTAL EXTENSION CORD LENGTH-FEET							
	25	50	75	100	125	150	175	200
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	---

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.

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.

Additional Safety Rules For This Tool

1. Keep fingers and clothing away from sanding belt.
2. This tool is intended for two hand use only. Do not clamp in vise or otherwise make it stationary.
3. Operate this sander only with the provided Dust Bag.

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 without 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.

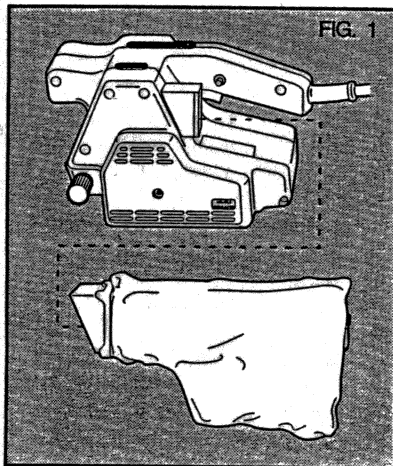
CAUTION: When servicing all tools, **USE ONLY IDENTICAL REPLACEMENT PARTS.** Repair or replace damaged cords.

SAVE THESE INSTRUCTIONS

Dust Bag

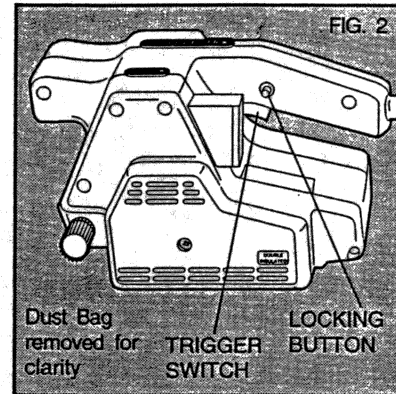
TURN OFF AND UNPLUG SANDER

The cloth dust bag has been supplied with your sander. To attach the bag, simply slip the plastic inlet nozzle over the exhaust chute on the left side of the sander, as shown in figure 1. (Be sure that it slides fully on.) A zipper on the rear of the bag makes emptying easy. **CAUTION: NEVER OPERATE YOUR BELT SANDER WITHOUT A DUST BAG.**



Switch

To turn the tool ON, squeeze the trigger switch shown in FIG. 2. To turn the tool OFF, release the trigger switch. To lock the tool on for continuous operation, squeeze the trigger switch and hold it as you depress the lock button shown in figure 2. Hold the lock button in as you release the trigger switch, the tool will then continue to run. To turn the sander OFF from a locked ON position, squeeze and release the trigger once.



Belt Removal and Installation

TURN OFF AND UNPLUG THE SANDER

(REPLACE TORN BELTS IMMEDIATELY.)

On the right side of the sander is a Belt Tension Release Lever. Hook your finger under the lever and pull it out and forward (toward front of tool) to release the tension on the sanding belt, as shown in figures 3 & 4.

Remove the old sanding belt and discard it.

Observe the arrows above and below the Belt Tension Release Lever. These arrows indicate the belt's direction of rotation. Inside the new sanding belt is an arrow of arrows. These arrows must point in the same direction as the arrows

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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.

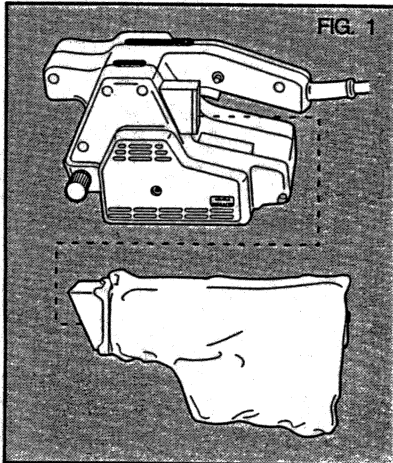
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Dust Bag

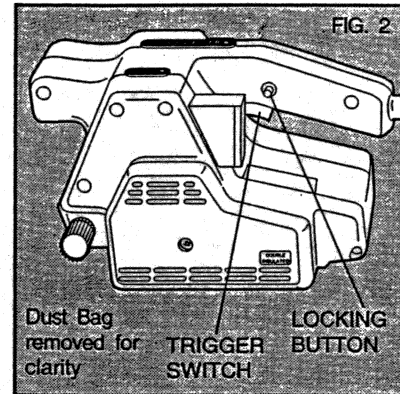
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Belt Removal and Installation

TURN OFF AND UNPLUG THE SANDER (REPLACE TORN BELTS IMMEDIATELY.)

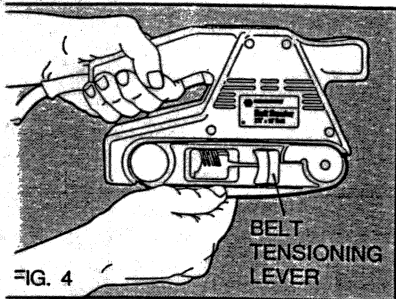
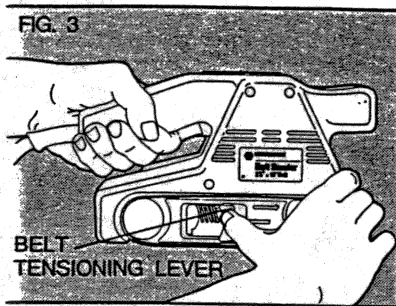
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Remove the old sanding belt and discard it.

Observe the arrows above and below the Belt Tension Release Lever. These arrows indicate the belt's direction of rotation. Inside the new sanding belt is an arrow of arrows. These arrows must point in the same direction as the arrows

on the side of the sander. TO INSTALL THE NEW BELT WITH THE ARROWS POINTING THE WRONG WAY MAY BE HAZARDOUS.

Install the new sanding belt as far as will go and push the Belt Tension Release Lever back in all the way.



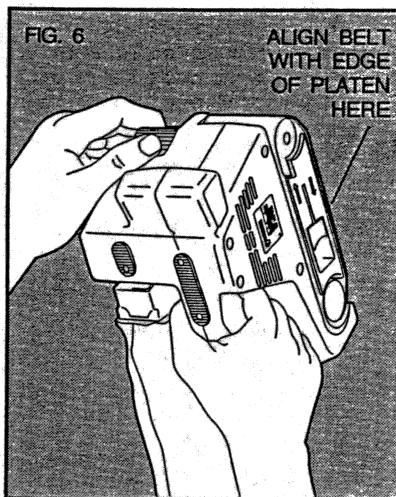
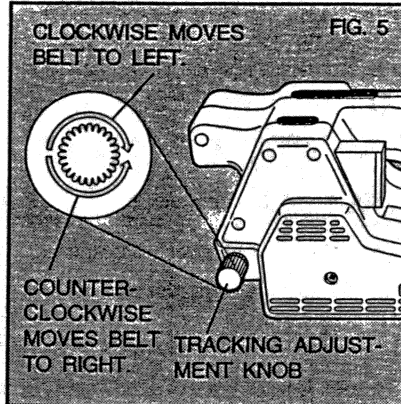
Belt Tracking Procedure: Wear Eye Protection

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.

Turn the knob clockwise to move the belt to the left as viewed in FIG. 5, and counter-clockwise to move it to the right.

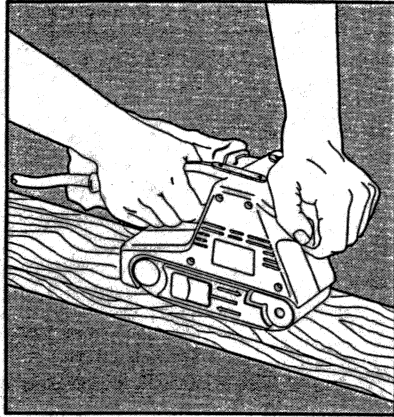
Check the tracking of the sanding belt periodically as you operate the tool. Readjust whenever the sanding belt is not even with the outer edge of the platen.



Operation: Wear Eye Protection

Your belt sander is a tool with a very high removal rate. Extreme care must be taken when sanding so that not too much material is removed. Keep the

sander moving at all times when you work, and always hold it with both hands for greater control. Remember that this tool is designed for fast material removal, (rough sanding of lumber and removal of paints and finishes from surfaces). Don't use the belt sander for finish sanding. Some painted surfaces having several coats of paint will clog the sanding belt. If you encounter such a surface, the belt sander will be ineffective in removing the paint. A Black & Decker Heat'n Strip (available at your local Black & Decker Dealer at extra cost) will prove to be much better.



Precautions To Take When Sanding Paint

1. 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.
2. Since it is difficult to identify whether or not a paint contains lead without a chemical analysis, we recommend the following precautions when sanding paint:

PERSONAL SAFETY

- a. No children or pregnant women should enter the work area where the paint sanding is being done until clean up is completed.

- b. 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 working 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 mask.
- c. **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.

ENVIRONMENTAL SAFETY

- a. Paint should be removed in such a manner as to minimize the amount of dust generated.
- b. Areas where paint removal is occurring should be sealed with plastic sheeting of 4 mils thickness.
- c. Sanding should be done in a manner to reduce tracking of paint dust outside the work area.

CLEANING AND DISPOSAL

- a. All surfaces in the work area should be vacuumed and thoroughly cleaned daily for the duration of the sanding project.
- b. Plastic drop cloth should be gathered up and disposed of along with any dust chips or other removal 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.

Accessories

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.

CATALOG NUMBER	DESCRIPTION
74-531	2 1/2" x 16" 60 Grit
74-532	2 1/2" x 16" 80 Grit
74-533	2 1/2" x 16" 100 Grit

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 518 Hampstead, MD 21074-0618

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.

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

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

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



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



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