

Operator's Manual

Companion

1/4-Sheet Palm-Grip Sander Single Speed

Model No.
320.10189



⚠ CAUTION: Read, understand and follow all Safety Rules and Operating Instructions in this manual before using this product.

- SAFETY
- OPERATION
- MAINTENANCE

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

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ONE FULL YEAR WARRANTY ON COMPANION 1/4-SHEET PALM-GRIP SANDER

If this Companion Sander fails due to a defect in material or workmanship within one year from the date of purchase, **RETURN IT TO THE NEAREST SEARS STORE IN THE UNITED STATES**, and Sears will replace it, free of charge.

This warranty is void if this tool is used for commercial or rental purposes.

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.817WA, Hoffman Estates, IL 60179

SAVE THESE INSTRUCTIONS!
READ ALL INSTRUCTIONS!

RULES FOR SAFE OPERATION

WORK AREA SAFETY

1. **ALWAYS** keep your work area clean and well lit. Cluttered benches and dark areas invite accidents.
2. **DO NOT** operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
3. **ALWAYS** keep bystanders, children and visitors away while operating a power tool. Distractions can cause you to lose control.

ELECTRICAL SAFETY

1. Double insulated tools are equipped with 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 a polarized outlet. Do not change the plug in any way.
2. Double insulation eliminates the need for the three-wire grounded power cord and grounded power supply system. Applicable only to Class II (double insulated) tools.
3. Before plugging in the tool, **BE SURE** that the outlet voltage supplied is within the voltage marked on the tool's data plate. **DO NOT** use "AC only" rated tools with a DC power supply.
4. **ALWAYS** avoid body contact with grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is grounded.
5. If operating the power tool in damp locations is unavoidable, **ALWAYS** use a Ground Fault Circuit Interrupter to supply power to your tool. **ALWAYS** wear electrician's rubber gloves and footwear in damp conditions.
6. **DO NOT** expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
7. **DO NOT** abuse the cord. **NEVER** use the cord to carry the tools or pull the plug from the outlet. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.
8. When operating a power tool outside, **ALWAYS** use an outdoor extension cord marked "W-A" or "W". These cords are rated for outdoor use and reduce the risk of electric shock.

NOTE: The extension cord must have adequate wire size AWG (American Wire Gauge) for safe, efficient use. Smaller gauge wires have greater capacity (16 gauge wire has more capacity than 18 gauge wire).

RULES FOR SAFE OPERATION cont.

SAFETY SYMBOLS

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols, and the explanations with them, deserve your careful attention and understanding. The safety warnings **DO NOT** by themselves eliminate any danger. The instructions and warnings they give are no substitutes for proper accident prevention measures.

SYMBOL MEANING



SAFETY ALERT SYMBOL: Indicates danger, warning or caution. May be used in conjunction with other symbols or pictographs.



DANGER: Failure to obey a safety warning will result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.



WARNING: Failure to obey a safety warning can result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.



CAUTION: Failure to obey a safety warning may result in property damage or personal injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.

NOTE: Advises you of information or instructions vital to the operation or maintenance of the equipment.

PERSONAL SAFETY

1. **ALWAYS** stay alert, watch what you are doing and use common sense when operating a power tool. **DO NOT** use tool while tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
2. **ALWAYS** dress properly. **DO NOT** wear loose clothing or jewelry. Pull back long hair. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.
3. **ALWAYS** avoid accidental starting. **BE SURE** switch is in the "Off" position before plugging in. **DO NOT** carry tools with your finger on the switch. Carrying tools with your finger on the switch or plugging in tools that have the switch in the "On" position invites accidents.
4. **ALWAYS** remove adjusting keys or wrenches before turning the tool "On". A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.
5. **DO NOT** overreach. **ALWAYS** keep proper footing and balance at all times. Proper footing and balance enables better control of the tool in unexpected situations.
6. **ALWAYS** use safety equipment. Always wear eye protection.

RULES FOR SAFE OPERATION cont.

TOOL USE AND CARE SAFETY

1. **ALWAYS** use clamps or other practical ways to secure and support the workpiece to a stable platform. Holding the work by hand or against your body is unstable and may lead to loss of control.
2. **DO NOT** force tool. Use the correct sandpaper for your application. The correct tool and sandpaper will do the job better and safer at the rate for which it is designed.
3. **DO NOT** use tool if switch does not turn it "On" or "Off". Any tool that cannot be controlled with the switch is dangerous and must be repaired.
4. **ALWAYS** disconnect the plug from the power source before making any adjustments, changing accessories or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.
5. **ALWAYS** store idle tools out of reach of children and other untrained persons. Tools are dangerous in the hands of untrained users.
6. **ALWAYS** maintain tools with care. Keep cutting tools sharp and clean. Properly maintained tools with sharp cutting edges are less likely to bind and are easier to control.
7. **ALWAYS** check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the tool's operation. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.
8. **ALWAYS** use only accessories that are recommended for this tool. Accessories that may be suitable for one tool may become hazardous when used on another tool.
9. **Use only accessories recommended for this tool that are sold by Sears or a Craftsman outlet.** Use of any accessories purchased elsewhere may be hazardous.

SAFETY RULES FOR SANDERS



DANGER! Keep hands away from immediate work area and sandpaper. Do not reach into the immediate work area.

1. **ALWAYS** keep your body positioned to either side of the sander, but not in line with it.
2. **DO NOT** reach near the work. The sandpaper is exposed at all times.
3. **ALWAYS** clamp workpiece before sanding. Never hold a workpiece in your hand or legs. Small or thin material may flex or vibrate with the sander, causing loss of control.
4. **NEVER** touch the sandpaper after use. It may be hot after prolonged use.
5. **ALWAYS** hold tool by insulated gripping surfaces when performing an operation where the tool may contact hidden wiring or its own cord. Contact with a "live" wire will make the exposed metal parts of the tool "live" and shock the operator.
6. **ALWAYS** use sandpaper that has the correct size, shape and sanding surface. Sandpaper that does not match the size of the sanding platen of the sander will perform erratically and will cause loss of control.
7. **ALWAYS BE SURE** that all adjustments have been made and that the sandpaper is fastened tightly **BEFORE** sanding. Loose sandpapers can cause the tool to slip, and loss of control may result.

RULES FOR SAFE OPERATION cont.

ADDITIONAL RULES FOR SAFE OPERATION cont.

⚠ WARNING: BE SURE to read and understand all instructions in this manual before using the sander. Failure to follow all instructions may result in hazardous radiation exposure, electric shock, fire and/or serious personal injury.

1. Know your power tool. Read this operator's manual carefully. Learn the applications and limitations, as well as the specific potential hazards related to this tool. Following this rule will reduce the risk of electric shock, fire or serious injury.
2. **ALWAYS** wear safety glasses or eye shields when using this sander. Everyday eyeglasses have only impact-resistant lenses; they are **NOT** safety glasses. Following this rule will reduce the risk of serious personal injury.
3. **ALWAYS** protect your lungs. Wear a face mask or dust mask if the operation is dusty. Following this rule will reduce the risk of serious personal injury.
4. **ALWAYS** protect your hearing. Wear hearing protection during extended periods of operation. Following this rule will reduce the risk of serious personal injury.
5. **ALWAYS** inspect the tool cords periodically and if damaged have them repaired at your nearest Sears Service Center or other Authorized Service Facility. **ALWAYS** be aware of the cord location. Following this rule will reduce the risk of electric shock or fire.
6. **ALWAYS** check for damaged parts. Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine if it will operate properly and perform its intended function. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the tool's operation. A guard or other part that is damaged should be properly repaired or replaced at a Sears Service Center. Following this rule will reduce the risk of electric shock, fire or serious injury.
7. **DO NOT** abuse the cord. **NEVER** use the cord to carry the tool or pull the plug from the outlet. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock. Following this rule will reduce the risk of electric shock or fire.
8. **ALWAYS** make sure that your extension cord is in good condition. When using an extension cord be sure to use one that is heavy enough to carry the current that your tool will draw. A wire gauge (AWG) of at least 14 is recommended for an extension cord 25 feet or less in length. When working outdoors, **ALWAYS** use an extension cord that is suitable for outdoor use. The cord's jacket will be marked WA. Smaller gauge wires, have greater capacity (16 gauge wire has more capacity than 18 gauge wire). An undersized cord will cause a drop in line voltage, resulting in loss of power and overheating.
9. **ALWAYS** inspect and remove all nails from lumber before sanding. Following this rule will reduce the risk of serious personal injury.
10. **DO NOT** use the tool while tired or under the influence of drugs, alcohol or any medication. Following this rule will reduce the risk of electric shock, fire or serious personal injury.
11. **SAVE THESE INSTRUCTIONS.** Refer to them frequently and use them to instruct others who may use this tool. If someone borrows this tool, make sure they have these instructions also.

RULES FOR SAFE OPERATION cont.

ADDITIONAL RULES FOR SAFE OPERATION cont.



⚠ WARNING: The operation of any electric tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, **ALWAYS** wear safety goggles or safety glasses with side shield and a full face shield when needed. We recommend A Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shield, available at Sears Retail Stores.

⚠ WARNING: Some dust particles created by power sanding, sawing, grinding, drilling and other construction jobs contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks and cement and other masonry products.
- Arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending upon how often you do this type of work. To reduce your exposure to these chemicals:

- Work in a well-ventilated area.
- Work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

The label on your tool may include the following symbols.

V.....	Volts
A.....	Amperes
Hz.....	Hertz
W.....	Watts
min.....	Minutes
~	Alternating current
n ₀	No-load speed
☐.....	Class II construction
RPM.....	Revolutions or Strokes per minute
⚠	Indicates danger, warning or caution. It means attention! Your safety is involved.

IMPORTANT! READ ALL INSTRUCTIONS

UNPACKING

Your sander has been shipped completely assembled except for dust bag. Inspect the tool carefully to make sure that no breakage or damage has occurred during shipping. If any parts are damaged or missing, return the electric drill to your nearest Sears Store to have it replaced. The dust bag, sandpaper, paper punch pad and this owner's manual are also included in this carton.

⚠ WARNING: If any parts are missing, **DO NOT** operate this tool until the missing parts are replaced. Failure to do so could result in possible serious personal injury.

⚠ WARNING: Your sander should **NEVER** be connected to a power source when you are assembling parts, making adjustments, installing or removing sandpaper, cleaning or when it is not in use. Disconnecting the tool will prevent accidental starting that could cause serious personal injury.

DESCRIPTION

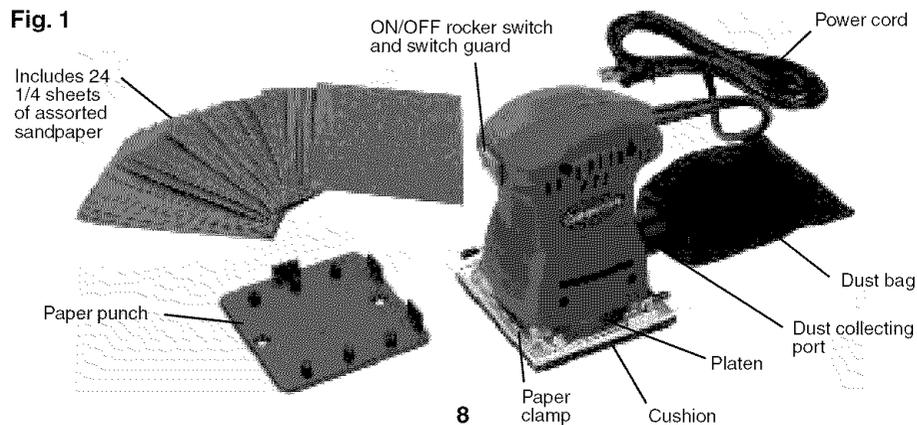
KNOW YOUR SANDER (See Fig.1)

Before attempting to use your sander, familiarize yourself with all operating features and safety requirements.

Your sander has many built-in convenience features for fast, efficient sanding.

Your sander has a comfortable palm-grip handle that provides maximum one-hand control and comfort. It has been designed to reduce operator fatigue during extended periods of continuous sanding operations. Quick-action paper clamps aid removal of sandpaper. A built-in dust collection system collects dust through holes punched in the sandpaper and sanding pad. The dust bag installs and removes easily.

⚠ WARNING: BE SURE to read and understand all instructions in this manual before using this sander. Failure to follow all instructions may result in hazardous radiation exposure, electric shock, fire and/or serious personal injury.



DESCRIPTION cont.

PRODUCT SPECIFICATIONS	
Input	1.7 Amps
No-load speed	12000 OPM (Orbits per Minute)
Rating	120 volts, 60Hz AC
Platen	For 1/4 sheet of sanding paper
Cord length	6 ft. (1.83 m)
ON/OFF rocker switch	Single-speed with switch guard

APPLICATIONS

(Use only for the purposes listed below)

- Sanding wood surfaces
- Speed stock removal
- Removing lacquer, varnish and other surface coatings
- Removing rust from and sanding steel surfaces

OPERATION

⚠ WARNING: ALWAYS disconnect your sander from the power source when replacing sandpaper, cleaning or when not in use. Disconnecting the sander will prevent accidental starting that could cause serious personal injury.

ON-OFF ROCKER SWITCH

To turn the sander ON, press the ON/OFF rocker switch (see Fig. 1, page 8).

To turn the sander OFF, press the ON/OFF rocker switch in the opposite direction.

⚠ WARNING: ALWAYS wear safety goggles or safety glasses with side shields when operating your sander. Failure to do so could result in foreign objects being thrown into your eyes resulting in possible serious eye damage.

⚠ WARNING: ALWAYS wear an appropriate dust mask and hearing protection when using your sander.

⚠ CAUTION! Clamp or otherwise secure your workpiece to prevent it from moving under the sander while being sanded. Unsecured workpiece could be thrown toward the operator causing injury.

OPERATION cont.

INSTALLING SANDPAPER

The cushioned pad on the platen allows you to use either non-adhesive sandpaper that clamps to the platen or adhesive-backed sandpaper with pressure-sensitive adhesive backing that sticks to the cushion.

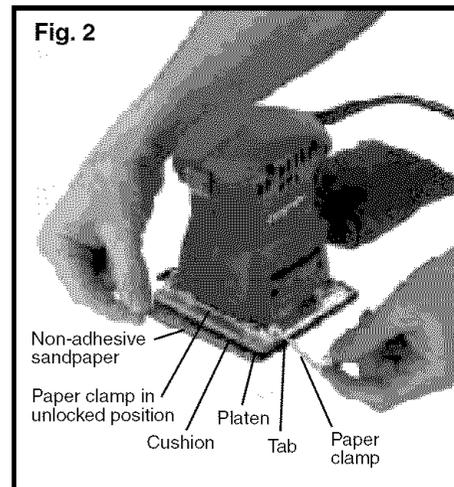
INSTALLING NON-ADHESIVE SANDPAPER (see Fig. 2)

Inspect sandpaper before installing. DO NOT use if broken or defective.

1. Unplug your sander.

⚠ WARNING: ALWAYS disconnect your sander from the power source when installing sandpaper, cleaning or when not in use. Disconnecting the sander will prevent accidental starting that could cause serious personal injury.

2. If replacing sandpaper, remove old sandpaper. To remove sandpaper, release paper clamp by lifting up on the lever and disengaging it from the tab on the platen.
3. Insert end of new 1/4 sheet sandpaper approximately 1/2 in. under the paper clamp.
4. Lift up on lever and lock into place. Apply downward pressure to conform sandpaper to platen.
5. Wrap sandpaper around cushion. Lift lever on opposite end of sander and insert loose end of sandpaper under the paper clamp. Fit sandpaper against cushion as tightly as possible.
6. Lift up on lever and lock into place.



INSTALLING ADHESIVE SANDPAPER

Inspect sandpaper before installing. DO NOT use if broken or defective.

1. Unplug your sander.

⚠ WARNING: ALWAYS disconnect your sander from the power source when installing sandpaper, cleaning or when not in use. Disconnecting the sander will prevent accidental starting that could cause serious personal injury.

OPERATION cont.

INSTALLING ADHESIVE SANDPAPER cont.

2. Remove old adhesive sandpaper by peeling it off cushion. If replacing regular sandpaper, release paper clamp by lifting up on lever and disengaging it from the tab on the platen. Remove non-adhesive sandpaper.
3. Carefully peel adhesive backing from new 1/4 sheet adhesive sandpaper.
4. Position sandpaper, making sure front edge of sandpaper is aligned with front edge of the cushion. Then carefully press sticky side of sandpaper on cushion.
Note: Sandpaper must be aligned with the front edge of the cushion for proper functioning of the flush sanding feature.

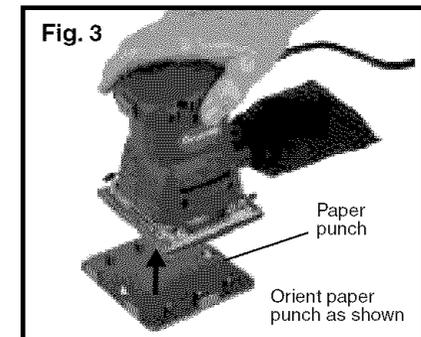
Note: The cushion on your sander is approximately 1/4 in. smaller than pre-cut adhesive-backed sanding sheets. If desired, you may want to trim off the overhang of sandpaper on the back side on of cushion. The cushion has been made smaller so that multiple sheets of non-adhesive sandpaper can be installed.

PAPER PUNCH (see Fig. 3)

A paper punch template has been supplied with your sander. It should be used for aligning and punching holes in the sandpaper for alignment with the holes in the cushion.

Punching the holes properly is a necessary step in order for the dust-collection feature of your sander to function properly.

⚠ WARNING: ALWAYS wear safety goggles or safety glasses with side shields when operating your sander. Failure to do so could result in foreign objects being thrown into your eyes resulting in possible serious eye damage



⚠ WARNING: ALWAYS wear an appropriate dust mask and hearing protection when using your sander.

SANDPAPER SELECTION TIPS

Selecting the correct size grit and type sandpaper is an extremely important step in achieving a high-quality sanded finish. Aluminum oxide, silicon carbide, and other synthetic abrasives are best for power sanding. Natural abrasives, such as flint and garnet, are too soft for economical use in power sanding.

In general, coarse grit will remove the most material and finer grit will produce the best finish in all sanding operations. The condition of the surface to be sanded will determine which grit will do the job. If the surface is rough, start with a coarse grit and sand until the surface is uniform. Medium grit may then be used to remove scratches left by the coarser grit. Finer grit is used for finishing the surface. Always continue sanding with progressively finer grit sandpapers until surface is uniform.

Note: Do not use sander without sandpaper. Doing so will damage the cushion.

OPERATION cont.

⚠ WARNING: Have you read “RULES FOR SAFE OPERATION”, on pages 3 through 7 Operator’s Manual? If not, please do it now before you operate this sander. Your safety depends on it!

Every time you use the sander, be sure to verify the following:

1. Power cord is not damaged.
2. Sandpaper is the correct type for the material being sanded.
3. Sandpaper is in good condition, properly installed and securely tightened.
4. Safety glasses and dust mask are being worn.
5. Failure to follow these safety rules can greatly increase your chances of injury.

DUST COLLECTION WHILE SANDING

The dust bag located on the rear of your sander functions as a dust collection system. Sanding dust is drawn up through the holes in the sandpaper created by the paper punch. The holes in the cushion channel the dust to the dust bag during sander operation. For more efficient operation, empty dust bag when half full.

INSTALL DUST BAG

1. Unplug your sander.

⚠ WARNING: ALWAYS disconnect your sander from the power source when installing sandpaper, cleaning or when not in use. Disconnecting the sander will prevent accidental starting that could cause serious personal injury.

2. Hold the dust bag with the slot in the collar facing down.
3. Align the dust bag slot with the locking pin on the dust collecting port, insert the dust bag onto the dust collecting port and twist to lock (see Fig. 4).

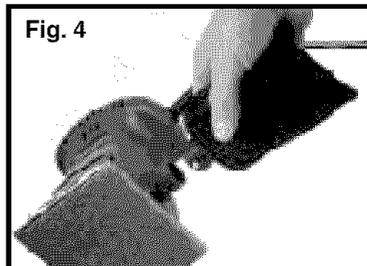


Fig. 4

EMPTY DUST BAG

1. Unplug your sander.

⚠ WARNING: ALWAYS disconnect your sander from the power source when installing sandpaper, cleaning or when not in use. Disconnecting the sander will prevent accidental starting that could cause serious personal injury.

2. Grasp the dust bag collar and twist to unlock it from the locking pin.
3. Slide off dust bag from the sander.
4. Empty dust bag.

OPERATION cont.

GENERAL SANDING TIPS

DO NOT USE THIS OR ANY POWER SANDER FOR WET SANDING OR LIQUID POLISHING. Failure to comply can result in electrical shock causing serious injury.

⚠ CAUTION! Clamp or otherwise secure your workpiece to prevent it from moving under the sander while being sanded. Unsecured workpiece could be thrown toward the operator causing injury.

⚠ CAUTION! Be careful not to let your hand cover the air vents on the sander. Failure to do so could result in motor overheating.

Hold your sander in front and away from you. Keep it clear of the workpiece. Start your sander by pressing the ON/OFF rocker switch to the ON position and letting the motor build to its maximum speed. Gradually allow the sander to contact the work surface and work with a slight forward movement. Move it slowly using forward and backward strokes (see Fig. 5).

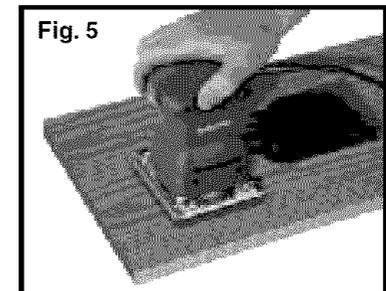


Fig. 5

⚠ WARNING: ALWAYS dress properly. **DO NOT** wear loose clothing or jewelry. Pull back long hair. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

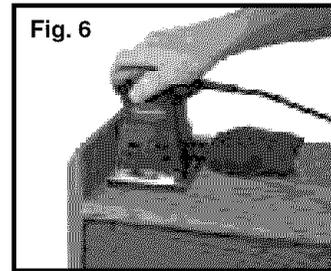
⚠ WARNING: ALWAYS wear safety goggles or safety glasses with side shields when operating your sander. Failure to do so could result in foreign objects being thrown into your eyes resulting in possible serious eye damage.

⚠ WARNING: ALWAYS wear an appropriate dust mask and hearing protection when using your sander.

OPERATION cont.

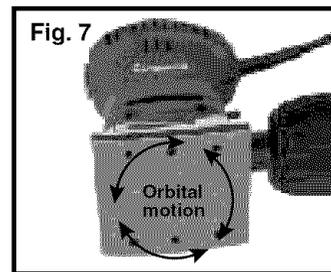
Do not force the sander. The weight of the sander provides sufficient sanding pressure, so let the sandpaper and sander do the work. Applying additional pressure only slows the sander motor, rapidly wears sandpaper and greatly reduces sander speed. Excessive pressure will overload the motor causing possible damage from motor overheating and can produce inferior work. Any finish or resin on wood may soften from the frictional heat of the sandpaper. Do not allow sanding on one spot too long as the sander's rapid action may remove too much material, making the surface uneven.

Flush sanding can be performed with your sander (see Fig. 6). The front edge of your sander allows flush sanding in corners and along flush edges. Always remove sander from workpiece before turning your sander off.



ORBITAL MOTION

Orbital motion is ideal for fast sanding action when removing old finishes, smoothing rough wood, sanding stock down to required dimensions or for finishing surfaces prior to painting. As shown in Fig. 7, the base of the sander moves (rotates) in a circular motion at 12,000 Orbit per Minute (no-load speed) for fast, even material removal.



DUST COLLECTION WHILE SANDING

The dust bag located on the rear of your sander functions as a dust collection system. Sanding dust is drawn up through the holes in the sandpaper created by the paper punch. The holes in the cushion channel the dust to the dust bag during sander operation. For more efficient operation, empty dust bag when half full.

INSTALL DUST BAG

1. Unplug your sander.

WARNING: ALWAYS disconnect your sander from the power source when installing sandpaper, cleaning or when not in use. Disconnecting the sander will prevent accidental starting that could cause serious personal injury.

MAINTENANCE

SERVICE

WARNING: Preventive maintenance performed by unauthorized personnel may result in misplacing of internal wires and components, which could cause a serious hazard.

1. When servicing a tool, use only identical replacement parts. Follow instructions in the maintenance section of this manual. Use of unauthorized parts or failure to follow maintenance instructions may create a risk of electrical shock or serious personal injury.
2. All service that requires opening the drill **MUST** only be performed by a Sears Service Center. All motor parts represent an important part of the double insulation system and **MUST** only be serviced by a Sears Service Center. Service performed by unqualified personnel could result in a risk of injury.
3. **DO NOT** use solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, carbon dust, etc.

GENERAL

WARNING: To avoid accidents, **ALWAYS** disconnect the tool from the power source **BEFORE** cleaning or performing any maintenance.

WARNING: DO NOT at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc. to come in contact with plastic parts. They contain chemicals that can damage, weaken or destroy plastic.

WARNING: DO NOT abuse power tools. Abusive practices can damage the tool as well as the workpiece.

WARNING: DO NOT attempt to modify this sander or create accessories not recommended for this sander. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious injury. It will also void the warranty.

Electric tools are subject to accelerated wear and possible premature failure when they are used to work on fiberglass boats and sports cars, wallboard, spackling compounds or plaster. The chips and grindings from these materials are highly abrasive to electrical tool parts, such as bearings, brushes, commutators, etc. Consequently, it is not recommended that this tool be used for extended work on any fiberglass material, wallboard, spackling compound, or plaster. During any use on these materials, it is extremely important that the tool is cleaned frequently by blowing with an air jet.

MAINTENANCE cont.

LUBRICATION

All of the bearings in this tool are lubricated with a sufficient amount of high-grade lubricant for the life of the tool under normal operating conditions. Therefore, no further lubrication is required.

⚠ WARNING: ALWAYS wear safety goggles or safety glasses with or side shields when using this tool or blowing dust. If operation is dusty, also wear a dust mask.

DOUBLE INSULATION

Double insulation is a concept in safety in electric power tools which eliminates the need for the standard 3-wire grounded power cord. All exposed metal parts are isolated from the internal motor components with protecting insulation. Double insulated tools do not need to be grounded.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Will not start when ON/OFF rocker switch is pushed	Check to be sure power cord is connected to power source and that power source (outlet) is operable	Connect to power source. Confirm power source (outlet) is operable
Will not sand	Check sandpaper and platen	Replace sandpaper if worn; be sure sandpaper is firmly attached to platen
Motor overheating	Be sure cooling vents are free from saw dust and obstacles	Clean, clear vents. Do not cover vents with hand during operation

ACCESSORIES

The following recommended accessories are currently available at your local Sears Store.

⚠ WARNING: The use of recommended attachments or accessories not sold by Sears might be dangerous and could result in serious injury.

EXTENSION CORDS

Sears offers a large selection of extension cords that help extend your working range. The use of any extension cord will cause some loss of power. To keep the loss to a minimum and to prevent overheating, use an extension cord that is heavy enough to carry the current that the tool will draw.

A wire gauge (AWG) of at least 14 is recommended for an extension cord 25 feet or less in length. When working outdoors **ALWAYS** use an extension cord that is suitable for outdoor use. The cord's jacket will be marked WA.

⚠ CAUTION! Keep extension cords away from the cutting area and position the cord so it will not get caught on lumber, tools, etc. during the sanding operation.

⚠ WARNING: Check extension cords before each use. If damaged, replace it immediately. **NEVER** use a tool with a damaged extension cord because touching the damaged area could cause electrical shock resulting in serious injury.

SANDPAPER

Sears has a large selection of standard 1/4 sheet sandpaper available with both paper backing and pressure-sensitive adhesive backing. Sanding grits range from extra-fine, fine, medium to coarse. Standard 9 in. X 11 in. sandpaper sheets can be used to cut 4 1/2 x 5 1/2-in. sections for use with your sander.

Sears also has a selection of approved safety equipment such as safety glasses, safety goggles, face shields, dust masks and respirators for all your workplace needs.

Get it fixed, at your home or ours!

Your Home

For repair **in your home** of all major brand appliances, lawn and garden equipment, or heating and cooling system, **no matter who made it, no matter who sold it!**

For the replacement parts, accessories and owner's manuals that you need to do-it-yourself.

For Sears professional installation of home appliances and the items like garage door openers and water heaters.

1-800-4-MY-HOME®
(1-800-469-4663)
www.sears.com

Anytime, day or night
(U.S.A. and Canada)
www.sears.com

Our Home

For repair of carry-in products like vacuums, lawn equipment, and electronic, call or go on-line for the nearest **Sears Parts and Repair Center.**

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