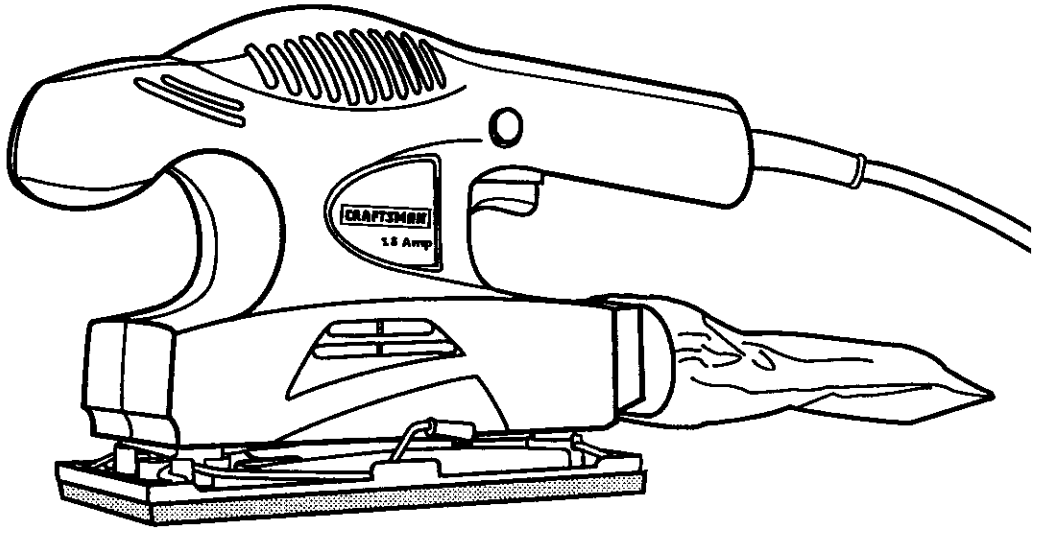
Owner's Manual

CRAFTSMAN®

1/3-Sheet Pad Sander

Model No.
172.11625



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

- **SAFETY**
- **OPERATION**
- **MAINTENANCE**
- **ESPAÑOL**

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

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FULL ONE YEAR WARRANTY ON CRAFTSMAN 1/3-SHEET PAD SANDER

If this **CRAFTSMAN** 1/3-Sheet Pad Sander fails to give complete satisfaction 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.

If this **CRAFTSMAN** 1/3-Sheet Pad Sander is used for commercial or rental purposes, this warranty applies for only 90 days from the date of purchase.

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

SAVE THESE INSTRUCTIONS!
READ ALL INSTRUCTIONS!

SAFETY INSTRUCTIONS

⚠ WARNING: BE SURE to read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

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.

SAFETY INSTRUCTIONS cont.

ELECTRICAL SAFETY cont.

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).

Minimum Gauge for Extention Cords (AWG)				
Volts	Total Cord Length of Cord in Feet			
120V	0 - 25	26 - 50	51 - 100	101 - 150
240V	0 - 50	51 - 100	101 - 200	201 - 300
Ampere Rating	AWG			
More than 0 Not more than 6	18	16	16	14
More than 6 Not more than 10	18	16	14	12
More than 10 Not more than 12	16	16	14	12
More than 10 Not more than 16	14	12	Not Recommended	

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 clothing, 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.** 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.** Dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions

SAFETY INSTRUCTIONS 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 the tool. Use the correct tool for your application.** The correct tool will do the job better and safer at the rate for which it is designed.
3. **DO NOT use the tool if the 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 the 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.

⚠WARNING: USE OF ACCESSORIES THAT ARE NOT RECOMMENDED FOR USE WITH THIS TOOL MAY CREATE A HAZARDOUS CONDITION.

8. **ALWAYS use only accessories that are recommended for this tool.** Accessories that may be suitable for one tool can become hazardous when used on another tool.

SERVICE SAFETY

1. **Tool service MUST BE performed only by Sears or other qualified repair personnel.** Service or maintenance performed by unqualified personnel could result in a risk of injury.
2. **When servicing a tool, ALWAYS 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 electric shock or injury.

SAFETY INSTRUCTIONS cont.

SAFETY RULES FOR SANDERS

1. **NEVER use this or any power sander for wet sanding or liquid polishing.** Failure to follow this rule will increase the risk of electrical shock.

ADDITIONAL RULES FOR SAFE OPERATION

⚠WARNING: BE SURE to read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

1. **Know your power tool. Read 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 qualified 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 an qualified 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 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. Following this rule will reduce the risk of electric shock or fire.

SAFETY INSTRUCTIONS cont.

ADDITIONAL RULES FOR SAFE OPERATION CONT.

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 size (A.W.G.) of at least 16 is recommended for an extension 100 feet or less in length. Using an extension cord that is over 100 feet in length is not recommended. If in doubt, use the next heavier gauge. 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.**

⚠**WARNING: Some dust particles created by power sanding, sawing, grinding, drilling and other construction jobs contain 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.

SAFETY INSTRUCTIONS cont.

ADDITIONAL RULES FOR SAFE OPERATION CONT.

⚠ **WARNING:** The operation of any sander 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.

The label of your tool may include the following symbols:

V	Volts
A	Amps
Hz	Hertz
W	Watts
min	Minutes
~	Alternating current
⎓	Direct current
Hz	Frequency
no	No-load speed
⧈	Class II Construction
.../min	Revolutions or Strokes per minute
OPM	Obits Per Minute
⚠	Indicates Danger, Warning or Caution. It means attention! Your safety is involved.

IMPORTANT! READ ALL INSTRUCTIONS!

DESCRIPTION

Before attempting to use any tool, be sure to familiarize yourself with all the operating features and safety instructions.

⚠ WARNING: IF ANY PARTS ARE MISSING, DO NOT OPERATE YOUR SANDER UNTIL THE MISSING PARTS ARE REPLACED. FAILURE TO FOLLOW THIS RULE COULD RESULT IN SERIOUS PERSONAL INJURY.

⚠ WARNING: DO NOT let familiarity with your sander make you careless. Remember that a careless fraction of a second is sufficient to cause severe injury.

KNOW YOUR SANDER (SEE FIG.1)

This sander is ideal for sanding with fine, medium and coarse grit sand paper. It will give you a fine, scratch-free finish when you use it to sand with the grain on all wood surfaces. It can also be used to sand flush to corners.

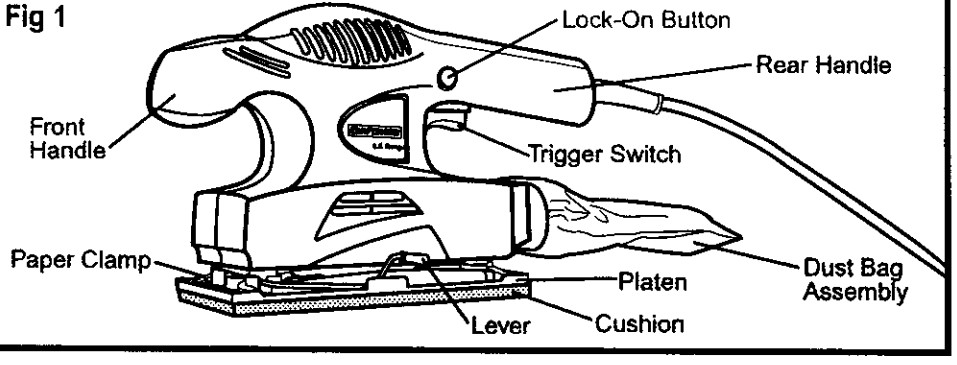
Trigger Switch

The sander trigger switch is located under the rear handle. To turn the sander "ON", simply squeeze the trigger switch. To turn the sander "OFF", release the trigger switch. This sander also has a Lock-On Button on the side of the rear handle for continuous sanding operations. To activate the Lock-On feature, simply squeeze the trigger switch to turn sander "ON" and push in the Lock-On Button. To deactivate lock-on feature, simply release trigger switch.

Dust Collection

Your sander includes a dust bag assembly that is designed to help remove accumulated dust from the sanding area.

Fig 1



DESCRIPTION cont.

Electrical Connection

Your sander has a precision-built electric motor and it should only be connected **to a 120-volt, 60-Hz. power supply (normal household current). DO NOT** operate on direct current (DC). This large voltage drop will cause a loss of power that will overheat the motor. If your sander does not operate when plugged into an outlet, check the power supply.

PRODUCT SPECIFICATIONS	
No-load Speed	11,000 OPM (Orbits Per Minute)
Rating	120 Volts, 60 Hz AC
Input	1.5 Amps
Orbit Diameter	1/16 in.
Paper Size	1/3 Sheet
Paper Type	Non-Adhesive Sandpaper & Adhesive Sandpaper

ASSEMBLY

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

INSTALLING THE SANDPAPER (See Figs. 2 & 3)

This sander has a cushion that allows you to use: either non-adhesive sandpaper, pressure-sensitive sandpaper or adhesive-backed sandpaper. The non-adhesive sandpaper clamps to the platen. Adhesive-backed sandpaper sticks to the cushion.

NOTE: This sander has dust collection, so we recommend that you use sandpaper with pre-punched holes that will line up with the holes in the cushion.

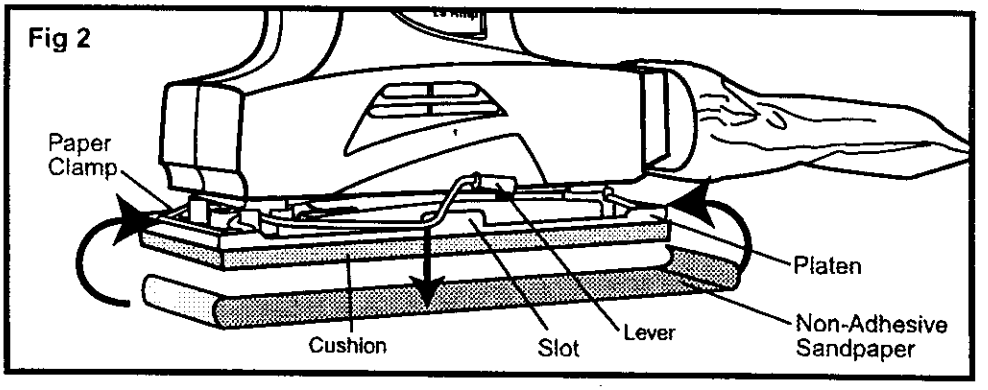
Installing Non-Adhesive Sandpaper (See Fig. 2 on next page)

ALWAYS inspect the sandpaper before installing. **DO NOT** use if broken or defective.

1. Unplug the sander.

⚠ **WARNING:** Failure to unplug the sander could result in accidental starting causing possible serious personal injury.

ASSEMBLY cont.



Installing Non-Adhesive Sandpaper cont. (see Fig.2)

2. Remove dust bag assembly.
3. If replacing sandpaper, remove old sandpaper.
4. To remove old sandpaper, raise the levers on each side of the sander to release the paper clamps holding the sandpaper. Then remove old sandpaper.
5. Insert the end of the new sandpaper approximately 1/2-inch under the front paper clamp.
6. Lift up the lever on the left side of the sander and lock it into the slot on the platen. Apply downward pressure to tighten sandpaper to the platen.
7. Wrap remaining sandpaper around the cushion and insert the loose end of the sandpaper under the rear paper clamp. Fit the sandpaper against the cushion as tightly as possible.
8. Lift up the lever on the right side of the sander and lock it into the slot on the platen.
9. Replace the dust bag assembly.

Installing Adhesive-Backed Sandpaper (See Fig. 3 on next page)

ALWAYS inspect the sandpaper before installing. **DO NOT** use if broken or defective.

1. Unplug the sander.

> ⚠ **WARNING:** Failure to unplug the sander could result in accidental starting causing possible serious personal injury.

2. If replacing adhesive-backed sandpaper, remove old sandpaper by peeling it off the cushion.
3. If replacing non-adhesive sandpaper, release paper clamp by lifting up on each lever. Then remove sandpaper.

ASSEMBLY cont.

Installing Adhesive-Backed Sandpaper cont. (See Fig. 3)

4. Place levers back in locked position (see Steps 6 and 8 on Installing Non-Adhesive Sandpaper).

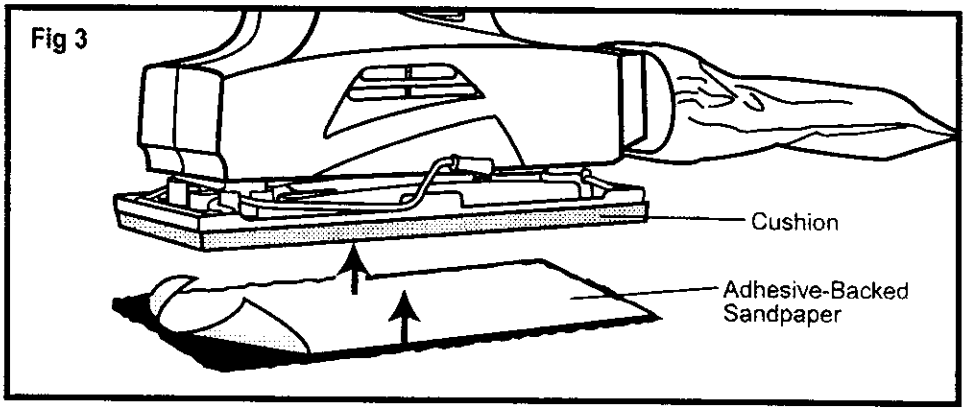
NOTE: ALWAYS be sure that both levers are in the locked position before starting sander.

5. **CAREFULLY** peel adhesive backing from the new 1/3-sheet sandpaper.
6. Place sandpaper in position. **ALWAYS** make sure that the front edge of the sandpaper is carefully aligned with the front edge of the cushion. Then carefully press the sticky side of the sandpaper onto the cushion.

NOTE: The sandpaper **MUST** be aligned with the front edge of the cushion in order for the sander to properly function when flush sanding.

NOTE: We recommend that you clean the cushion occasionally by brushing it gently with a small brush. Dust build-up on the cushion will cause the sandpaper to not stick properly.

Fig 3



ATTACHING DUST BAG ASSEMBLY (See Fig. 4)

⚠ **WARNING: To prevent the possibility of sanding dust or other foreign objects being thrown into your face or eyes NEVER try to operate your sander without the dust bag assembly properly installed.** Sanding dust or foreign objects thrown into your face or eyes could result in serious personal injury.

1. Unplug the sander.

⚠ **WARNING:** Failure to unplug the sander could result in accidental starting causing possible serious personal injury.

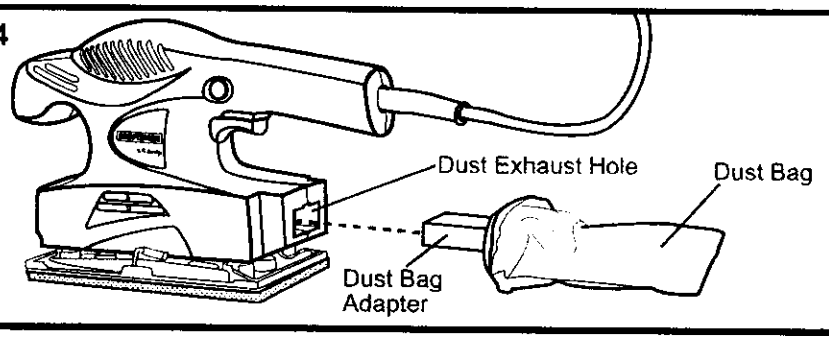
ASSEMBLY cont.

ATTACHING DUST BAG ASSEMBLY cont. (See Fig. 4)

2. Insert dust bag adapter into dust exhaust hole (see Fig. 4).
3. Push in adapter until the raised edges on the top and bottom of the adapter snap into the grooves in the dust exhaust hole.
4. Your sander is now ready to use.

NOTE: For more efficient operation, we recommend that you empty the dust bag when it is no more than half full. This will allow the air to flow through the bag better. **ALWAYS** empty and clean the dust bag thoroughly when you've finished sanding and before you store the sander.

Fig 4



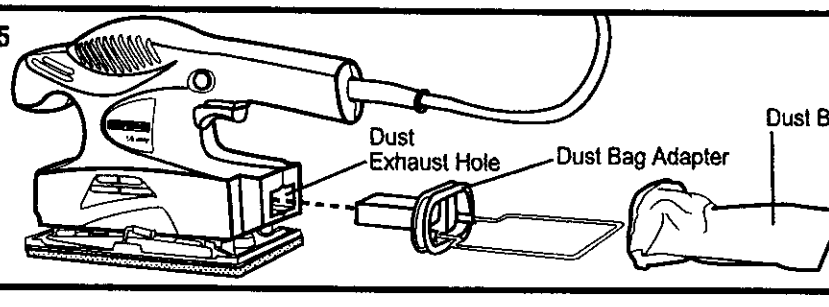
TO REMOVE AND EMPTY DUST BAG (See Fig. 5)

1. Unplug the sander.

> ⚠ **WARNING:** Failure to unplug the sander could result in accidental starting causing possible serious personal injury.

2. Remove dust bag assembly from sander by firmly holding the adapter and pulling straight out.
3. Remove dust bag from adapter (see Fig. 5).
4. Shake dust bag to empty.
5. Place dust bag back onto the adapter.
6. Attach dust bag assembly back onto sander.

Fig 5



ASSEMBLY cont.

ATTACHING THE VACUUM HOSE ADAPTER (See Fig. 6)

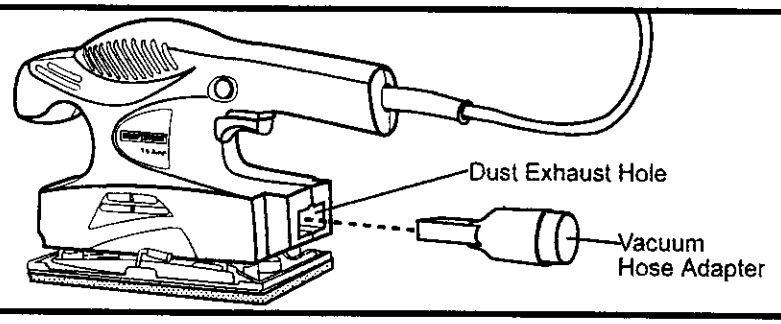
Your sander includes a vacuum hose adapter that easily attaches to the sander. The adapter allows you to hook your sander up to your shop vac (sold separately).

1. Unplug the sander.

> ⚠ **WARNING:** Failure to unplug the sander could result in accidental starting causing possible serious personal injury.

2. Remove dust bag assembly from the sander by firmly holding the adapter and pulling it straight out.
3. Insert vacuum hose adapter into the dust exhaust hole.
4. Push in adapter until the raised edges on the top and bottom of the adapter snap into the grooves in the dust exhaust hole.
5. Firmly attach the vacuum hose adapter to your vacuum hose.
6. Attach vacuum hose to vac.

Fig 6



OPERATION

⚠ WARNING: ALWAYS wear safety goggles or safety glasses with side shield and a full face shield when operating your sander. Failure to do so could result in foreign objects being thrown into your eyes, resulting in possible serious injury. If the sanding operation is dusty, also wear a face or dust mask.

APPLICATIONS

Only use your sander for the applications listed below.

1. Sanding wood surfaces with various grits of sandpaper.
2. Removing rust from steel surfaces with special sandpaper.

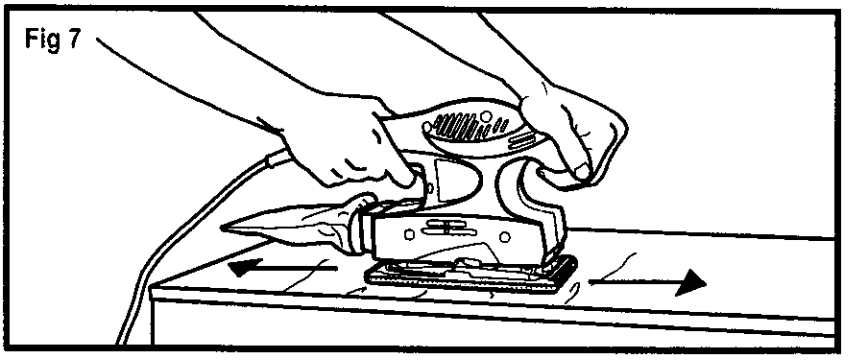
⚠ CAUTION: ALWAYS be careful not to let your hand cover the air vents.

1. **ALWAYS** clamp or otherwise secure the workpiece to prevent it from moving under your sander.

⚠ WARNING: Unsecured work could be thrown towards the operator causing injury.

2. **ALWAYS** hold your sander in front and away from you, keeping it clear of the workpiece.
3. Start the sander by squeezing the trigger switch and then let the motor come up to maximum speed.
4. Gradually lower the sander onto the workpiece with a slight forward movement. (See Fig. 7.)
5. Move it slowly, using forward and backward strokes.

Fig 7



OPERATION cont.

SANDING TIPS

1. **DO NOT force the sander.** The weight of the sander supplies adequate pressure. Let the sander and the sandpaper do the work.
   - **A.** Applying additional pressure will only slow the motor, wear the sandpaper out faster and reduce sander speed.
   - **B.** Excessive pressure will overload the motor and cause possible damage to the sander from the motor overheating.
   - **C.** Excessive pressure will also result in inferior work.
2. Any existing finish or resin on wood may soften from the heat of the friction.
3. **DO NOT** sand in one spot for too long a time because the the sander's rapid action may remove too much material and make the surface uneven.

SELECTING THE RIGHT SANDPAPER

NOTE: This sander has dust collection, so we recommend that you use sandpaper with pre-punched holes that will line up with the holes in the cushion.

Selecting the correct grit and type of sandpaper is an extremely important decision that will allow you to achieve the best quality sanding finish.

1. Aluminum oxide, silicon carbide and other synthetic abrasives are best for power sanding.
2. Natural abrasives such as flint and garnet are too soft for economical use in power sanding.
3. Coarse grit will remove the most material and finer grit will give you the best finish in all sanding operations.
4. The condition of the surface to be sanded will determine which grit will do the job.
5. **If the surface is rough:**
   - **A.** Start with a coarse grit and sand until the surface is uniform.
   - **B.** Then use medium to remove any scratches left by the coarse grit.
   - **C.** Then use a finer grit for finishing the surface.

NOTE: ALWAYS continue sanding with each grit until the surface is uniform.

NOTE: DO NOT use the sander without sandpaper.
This will damage the cushion.

⚠ **WARNING: DO NOT** wear loose clothing or jewelry when operating sander. They could get caught in moving parts, causing serious injury. Keep head away from sander and sanding area. Hair could be drawn into sander, causing serious injury.

OPERATION cont.

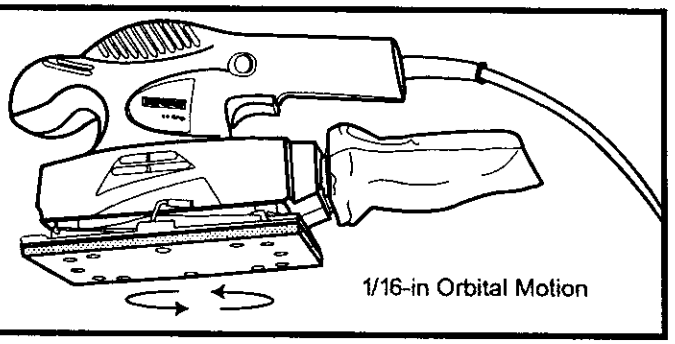
ORBITAL MOTION (See Fig. 8)

As shown in Figure 8, the orbit of the sander is 1/16-inch in diameter so the sandpaper moves in tiny circles at high speed.

This orbital action duplicates a "hand sanding" motion for more aggressive sanding as you push the sander forward. This powerful orbital action is ideal for heavy-duty sanding applications, such as:

1. Removing old finishes
2. Smoothing rough wood
3. Sanding stock down to required dimensions
4. Finishing surfaces that are to be painted

Fig 8

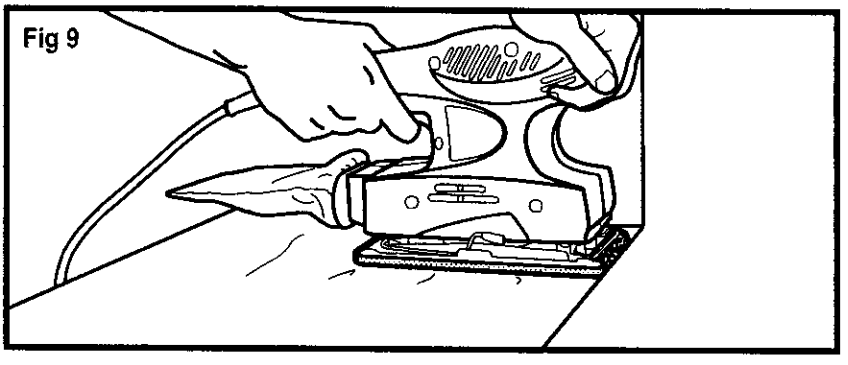


FLUSH SANDING (See Fig. 9)

Your sander will allow you to flush sand corners. You can use the front and sides or your sander for flush sanding. **DO NOT** use the rear of the sander for flush sanding.

ALWAYS remove the sander from the workpiece before turning it off.

Fig 9



OPERATION cont.

REMOVE PRESSURE-SENSITIVE SANDPAPER BEFORE STORAGE

DO NOT store your sander with pressure-sensitive sandpaper still attached. The heat generated by sanding causes the pressure-sensitive adhesive to flow and form a tight bond between the cushion and the sandpaper.

ALWAYS remove the sandpaper soon after you have finished sanding to avoid adhesive set up. When sandpaper is left on the cushion for an extended period of time after use, the adhesive will set up and make the sandpaper difficult to remove.

The sandpaper may tear when removing it. If this happens it makes it difficult to clean the cushion for the next piece of sandpaper.

NOTE: If you do forget to remove the sandpaper after sanding, run your sander for a few minutes to soften the adhesive backing before you try to remove the sandpaper

MAINTENANCE

GENERAL

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

⚠ **WARNING: When servicing a tool, ALWAYS use only identical replacement parts.** Use of any other parts may create a risk of electric shock or injury and cause product damage.

All parts represent an important part of the double insulation system and should be serviced only at a Sears Service Center.

Avoid using 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.

⚠ **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.

It is a known fact that electric tools are subject to accelerated wear and possible premature failure when they are used to work on fiber glass 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 fiber glass 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.

EXTENSION CORDS

The use of any extension cord will cause some loss of power. To keep the loss at 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 16 is recommended for an extension cord 100 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 cutting operation.

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

Extension cords that are suitable for use with your sander are available at your nearest Sears Store.

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

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.

ACCESSORIES

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

NON-LOADING ALUMINUM OXIDE ADHESIVE BACKED SANDING SHEETS (3 2/3 in. x 7 1/8 in.)

Extra Fine, Fine, Medium, Coarse

ALUMINUM OXIDE SANDING SHEETS (3 2/3 in. x 9 in.)

Fine, Medium, Coarse

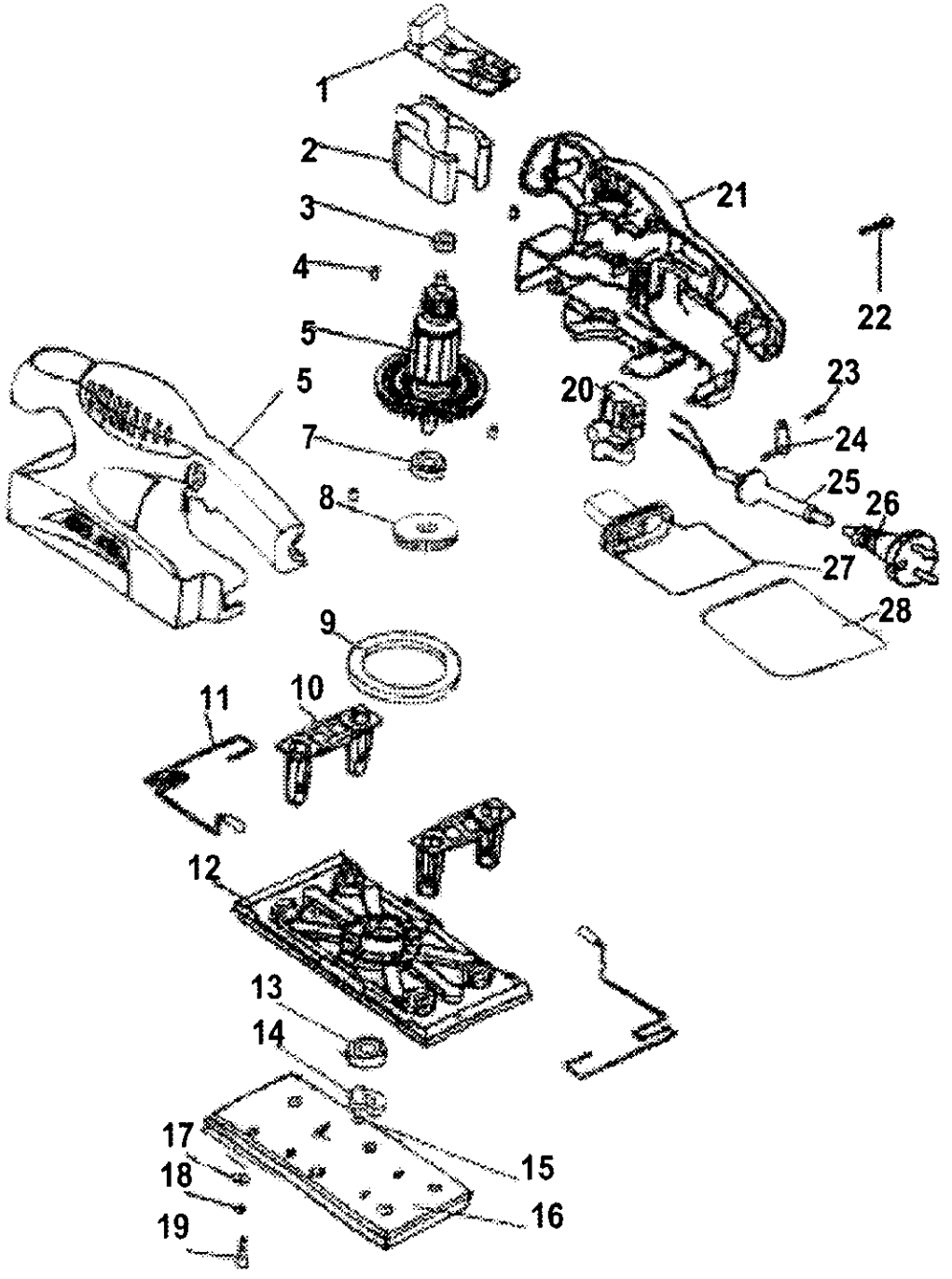
> ⚠ **WARNING:** The use of attachments or accessories that are not recommended might be dangerous.

1/3 PAD SANDER – MODEL NUMBER 172.11625

The Model Number will be found on the Nameplate.
Always mention the Model Number when calling about your tool.

No.	Part No.	Description	Quantity
1	SA16.0.00.4-00	PCB Assembly	1
2	STA50.04.02-00	Stator	1
3	SW50.01.0-00	Ball Bearing	1
4	ST05.03.02-00	Rubber Bar	4
5	STA51.04.00-00	Rotator	1
6	SA16.0.01.2-00	Left Housing	1
7	SW50.10.0-00	Ball Bearing	1
8	SA16.2.05-00	Fan	1
9	SA16.0.04-00	Foam Ring	1
10	SA16.0.03-00	Foot	2
11	SA16.0.05-00	Clamp	2
12	SA16.3.04-00	Sanding Pad	1
13	SW50.12.0-00	Ball Bearing	1
14	SA16.3.05-00	Balance Block	1
15	SW59.41.0-00	Nut	1
16	SA16.4.00-00	Gasket Assembly	1
17	SW60.79.0-00	Washer	4
18	SW60.02.0-00	Washer	4
19	SW56.16.0-0	Screw	4
20	SW02.34-00	Switch	1
21	SA16.0.01.2-00	Right Housing	1
22	SW55.58.0-00	Screw	7
23	SW55.37.0-00	Screw	2
24	ST08.01.07-00	Cord Clamp	1
25	ST05.01.03-00	Cord Protector	1
26	SW01.31.25-00	Plug & Cord	1
27	SA16.F.04-00	Dust Bag Support	1
28	SA16.F.06-00	Dust Bag	1

SEE BACK PAGE FOR PARTS ORDERING INSTRUCTIONS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