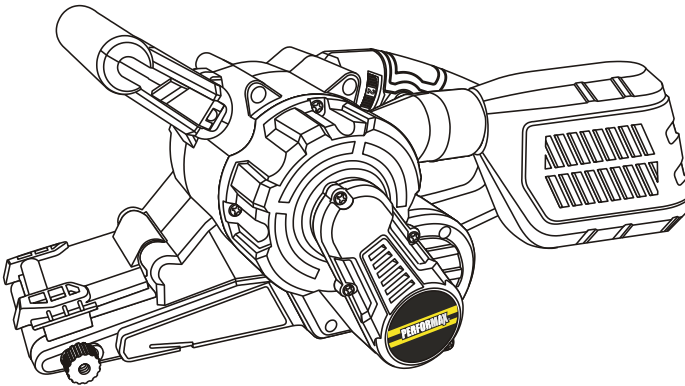




## 3 x 21" BELT SANDER

241-0996

Owner's Manual



### PRODUCT SPECIFICATIONS

|                     |                          |
|---------------------|--------------------------|
| Rating:             | 120V, 60Hz, AC           |
| Amperes:            | 7.0 A                    |
| Sanding belt speed: | 557–820 ft/min (no load) |
| Sanding belt size:  | 3 x 21"                  |
| Weight:             | 6 lb 7 oz (2.92kg)       |

#### Need Assistance?

Call us on our toll free customer support line:  
1-866-349-8665 (Monday through Friday 9am – 5pm  
Eastern Time)

- Technical questions
- Replacement parts
- Parts missing from package

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# GENERAL SAFETY WARNINGS



**WARNING:** Before using this tool or any of its accessories, read this manual and follow all Safety Rules and Operating Instructions. The important precautions, safeguards and instructions appearing in this manual are not meant to cover all possible situations. It must be understood that common sense and caution are factors which cannot be built into the product.

This instruction manual includes the following:

- General Safety Rules
- Specific Safety Rules and Symbols
- Functional Description
- Assembly
- Operation
- Maintenance
- Accessories

## EYE, EAR & LUNG PROTECTION



**ALWAYS WEAR EYE PROTECTION THAT CONFORMS WITH CSA REQUIREMENTS or ANSI SAFETY STANDARD Z87.1**

FLYING DEBRIS can cause permanent eye damage. Prescription eyeglasses ARE NOT a replacement for proper eye protection.



**WARNING:** Non-compliant eyewear can cause serious injury if broken during the operation of a power tool.



**WARNING:** Use hearing protection, particularly during extended periods of operation of the tool, or if the operation is noisy.

SAVE THESE INSTRUCTIONS FOR REFERENCE

## GENERAL SAFETY WARNINGS



**WEAR A DUST MASK THAT IS DESIGNED TO BE USED WHEN OPERATING A POWER TOOL IN A DUSTY ENVIRONMENT.**



**WARNING:** Dust that is created by power sanding, sawing, grinding, drilling, and other construction activities may contain chemicals that are known to cause cancer, birth defects, or other genetic abnormalities. These chemicals include:

Lead from lead-based paints

Crystalline silica from bricks, cement, and other masonry products

Arsenic and chromium from chemically treated lumber

The level of risk from exposure to these chemicals varies, according to how often this type of work is performed. In order to reduce exposure to these chemicals, work in a well-ventilated area, and use approved safety equipment, such as a dust mask that is specifically designed to filter out microscopic particles.

## ELECTRICAL SAFETY



**WARNING: To avoid electrical hazards, fire hazards or damage to the tool, use proper circuit protection.**

This tool is wired at the factory for 120V AC operation. It must be connected to a 120V AC, 15 AMP circuit that is protected by a time-delayed fuse or circuit breaker. To avoid shock or fire, replace power cord immediately if it is worn, cut or damaged in any way.

**SAVE THESE INSTRUCTIONS FOR REFERENCE**

# POWER TOOL SAFETY

**▲ WARNING:** Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

## Work area safety

Keep work area clean and well lit. Cluttered or dark areas invite accidents.

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.

Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

## Electrical safety

Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

**If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of a ground fault circuit interrupter (GFCI) reduces the risk of electric shock.

## Personal safety

**Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.

**Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

**Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.

**Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

**Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.

**Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.

**If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

**SAVE THESE INSTRUCTIONS FOR REFERENCE**

# POWER TOOL SAFETY

## Power tool use and care

**Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.

**Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

**Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.

**Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.

**Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.

**Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

**Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

**Hold power tools by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord.** Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.

**Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the work by hand or against your body leaves it unstable and may lead to loss of control.

## Service

**Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

SAVE THESE INSTRUCTIONS FOR REFERENCE

## SPECIFIC SAFETY RULES

**▲ WARNING:** Know your belt sander. Read the Owner's Manual carefully. Learn the tool's 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.



Always wear eye protection. Any power tool can throw foreign objects into your eyes and cause permanent eye damage.

ALWAYS wear safety goggles (not glasses) that comply with ANSI safety standard Z87.1. Everyday glasses have only impact resistant lenses. They ARE NOT safety glasses.

**▲ WARNING:** Wearing glasses or goggles that do not comply with ANSI Z87.1 could cause serious injury if they break.

Always wear hearing protection and a dust mask. Use only in a well-ventilated area. Using personal safety devices and working in a safe environment reduces the risk of injury.

**▲ DANGER:** Always unplug the tool from the power source before changing the sanding belt or cleaning the tool.

**▲ DANGER:** Never place hands or fingers near the sanding belt while the tool is running. Severe injury will result.

**▲ WARNING:** When turning the tool ON, make sure the sanding belt is tracking in the center of the rollers.

**▲ WARNING:** After prolonged use, external metal parts will become hot to the touch.

Always turn the switch OFF and wait for the sanding belt to come to a complete stop before putting the sander down.

Always make sure the work surface is free of nails and other foreign objects. Contacting a nail can cause the tool to jump. It will also damage the sanding belt.

Always use a safe method to secure the workpiece. Never place hands near the sanding belt.

Never lay the workpiece on hard surfaces such as concrete, stone, etc. The tool may jump if the sanding belt contacts the hard surface. The sanding belt will also be damaged.

Make sure all rags, cords, string etc. are removed from the work area. Any of these items could be caught in the sanding belt and cause loss of control over the tool.

Never operate the tool while covering the air vents with your hands. The motor will overheat.

Do not force the sander. Let the tool do the work at a reasonable speed. Overloading will occur if too much pressure is applied and the motor runs slower, resulting in inefficient sanding and possible damage to the motor.

When sanding wood, use the vacuum whenever possible.

Never use the dust box or vacuum when sanding metal. Sparks could ignite the dust collected in the vacuum.

Do not continue to use a worn, torn or clogged sanding belt. The sanded surface will be rough and the motor will become overloaded.

**SAVE THESE INSTRUCTIONS FOR REFERENCE**

# GUIDELINES FOR EXTENSION CORDS

**Make sure your extension cord is the proper size.** When using an extension cord, be sure to use one heavy enough to carry the current the tool will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The table on at right shows the correct size to use according to cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number the heavier the cord.

**Be sure your extension cord is properly wired and in good condition.** Always replace a damaged extension cord or have it repaired by a qualified electrician before using it. Protect your extension cord from sharp objects, excessive heat and damp or wet areas.

**Use a separate electrical circuit for your power tools.** This circuit must not be less than 14 gauge wire and should be protected with either a 15A time delay fuse or circuit breaker. Before connecting the power tool to the power source, make sure the switch is in the OFF position and the power source is the same as indicated on the nameplate. Running at lower voltage will damage the motor.

**⚠ WARNING: Repair or replace damaged or worn extension cords immediately.**

**Select the appropriate extension cord gauge and length using the chart below.**

**When operating a power tool outdoors, use an outdoor extension cord marked “W-A” or “W”.** These cords are rated for outdoor use and reduce the risk of electric shock.

**⚠ WARNING: Keep the extension cord clear of the working area. Position the cord so it will not get caught on the workpiece, tools or any other obstructions while you are working with the power tool.**





| <b>MINIMUM GAUGE (AWG) EXTENSION CORDS (120 V use only)</b> |               |                      |            |                |             |
|---|---------------|----------------------|------------|----------------|-------------|
| Ampere rating   |               | Total length in feet |            |                |             |
| More than   | Not more than | 7.5 m (25')          | 15 m (50') | 30 m (100')    | 45 m (150') |
| 0   | 6             | 18                   | 16         | 16             | 14          |
| 6   | 10            | 18                   | 16         | 14             | 12          |
| 10  | 12            | 16                   | 16         | 14             | 12          |
| 12  | 16            | 14                   | 12         | Not Applicable |             |











**SAVE THESE INSTRUCTIONS FOR REFERENCE**



# SYMBOLS

**⚠ WARNING:** Some of the following symbols may appear on the belt sander. Study these symbols and learn their meaning. Proper interpretation of these symbols will allow for more efficient and safer operation of this tool.

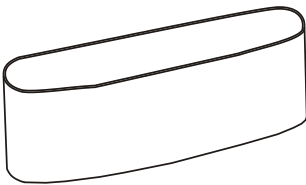
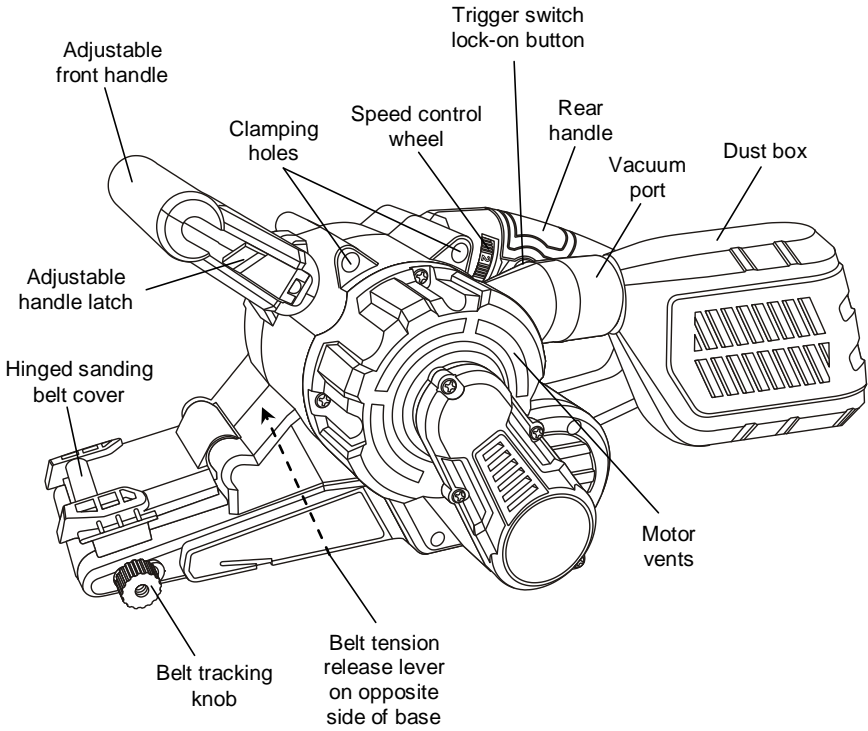
|   |  |
|---|--|
| <b>V</b>  | Volts  |
| <b>A</b>  | Amperes                                      |
| <b>Hz</b>   | Hertz  |
| <b>W</b>  | Watts  |
| <b>kW</b>   | Kilowatts                                    |
| <b>μF</b>   | Microfarads                                  |
| <b>L</b>  | Liters                                       |
| <b>kg</b>   | Kilograms                                    |
| <b>H</b>  | Hours  |
| <b>N/cm<sup>2</sup></b>   | Newtons per square centimeter                |
| <b>Pa</b>   | Pascals                                      |
| <b>OPM</b>  | Oscillations per minute                      |
| <b>Min</b>  | Minutes                                      |
| <b>S</b>  | Seconds                                      |
| <br>or a.c. | Alternating current                          |
|           | Three-phase alternating current              |
|           | Three-phase alternating current with neutral |
|           | Direct current                               |

|   |   |
|---|---|
| <b>n<sub>o</sub></b>  | No load speed   |
|    | Alternating or direct current                             |
|    | Class II construction                                     |
|    | Splash-proof construction                                 |
|    | Watertight construction                                   |
|    | Protective grounding at grounding terminal, Class I tools |
| <b>.../min</b>  | Revolutions or reciprocations per minute                  |
| <b>∅</b>  | Diameter  |
| <b>0</b>  | Off position  |
|    | Directional arrow   |
|    | Warning symbol  |
|    | Wear your safety glasses                                  |
|  | Wear a dust mask  |
|  | Wear hearing protection                                   |

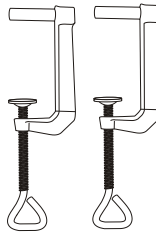


This symbol designates that this tool is listed with U.S. requirements by Underwriters Laboratories.  
Conforms to UL Std. 73.

# KNOW YOUR BELT SANDER



3 x 21" Sanding belt



Clamps

# ASSEMBLY AND OPERATING

## INSTALLING THE DUST BOX OR ATTACHING A VACUUM HOSE

To install the dust box, insert the front of the dust box (1) into the dust port (2) (Fig. 1).

**NOTE:** Twisting the dust box slightly as it is being inserted into the dust port will ensure it is fully inserted and will stay in place.

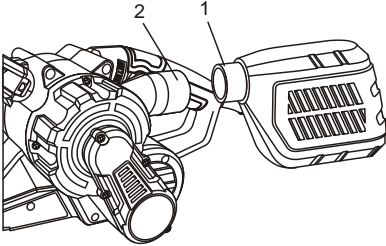


Fig. 1

If you choose to use a vacuum instead of the dust box, simply attach the vacuum hose to the dust port in a similar manner to installing the dust box.

**⚠ DANGER:** Never use the dust box or vacuum when sanding metal. Sparks could ignite the collected dust.

## EMPTYING THE DUST BOX

To empty the dust from the dust box, remove the dust box from the sander and pour the contents into a trash can (Fig. 2).

**NOTE:** Shake the dust box to remove as much of the dust as possible.

**⚠ DANGER:** If you use compressed air to blow the dust out of the dust box you **MUST** wear safety goggles to prevent any dust from injuring your eyes.



Fig. 2

## ON/OFF TRIGGER SWITCH AND LOCK-ON BUTTON

1. To turn the sander ON, squeeze the trigger switch (1) (Fig. 3).

2. To turn the sander OFF, release the trigger switch.

For continuous sanding the trigger switch may be locked in the ON position.

1. While the trigger switch is being squeezed and the sander is running, press and hold the lock-on button (2).

2. Release the trigger switch while continuing to press the lock-on button. Then stop pressing the lock-on button. The sander will continue to run.

3. To turn the sander OFF, squeeze the trigger switch then release it.

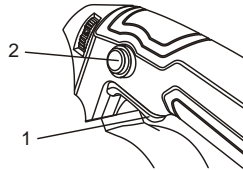


Fig. 3

## VARIABLE SPEED CONTROL

The speed of the sander can be increased or decreased by rotating the speed control wheel (3) (Fig. 4). Set the speed control wheel at #1 for the slowest speed. Set the speed control wheel at MAX for the fastest speed.

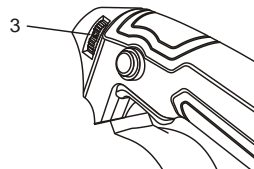


Fig. 4

# ASSEMBLY AND OPERATING

## CHANGING A SANDING BELT

The sanding belt must be changed for the following reasons:

- The belt is badly worn or torn
- The belt is filled with sawdust or paint
- A different grit is required

**▲ WARNING:** Always remove the plug from the power source before attempting to change the sanding belt.

1. Pull the belt tension release lever (1) away from the side of the sanding belt carrier (2) (Fig. 5).

**NOTE:** The hinged front sanding belt cover may be lifted up for easier access to the front roller.

2. Slide the sanding belt (3) off the rear roller (4) and the front roller (5).
3. To install a new sanding belt, slide the new sanding belt over the rear and front rollers.

### NOTES:

- a) Make sure the rotation arrow (6) inside the bottom of the sanding belt is pointing toward the rear of the tool.
- b) Make sure the sanding belt is centered on the rear and front rollers.

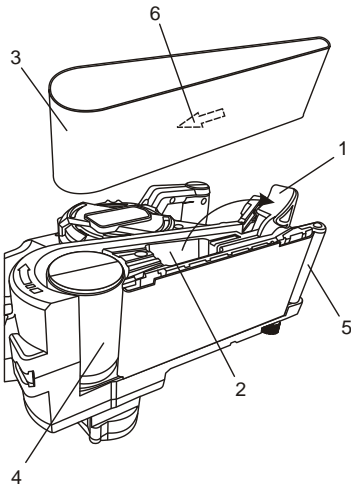


Fig. 5

4. Push the tension release lever back into the side of the sanding belt carrier.
5. Squeeze the ON/OFF trigger switch momentarily and check to make sure the sanding belt is centered on the rear and front rollers. If the sanding belt is not centered on the rollers, adjust the sanding belt tracking as outlined in the following section.

## ADJUSTING THE SANDING BELT TRACKING

If the sanding belt does not run in the center of the sanding belt rollers, the sanding belt tracking adjustment knob must be used to correct the sanding belt alignment.

1. Turn the sander up-side down. Make sure the sanding belt is NOT touching anything. Set speed to #1.
2. Turn the sander switch ON and let the tool run for a few seconds.
3. While the sanding belt is turning, turn the tracking adjustment knob (1) very slightly and observe how the sanding belt moves on the sanding belt rollers (2) (Fig. 6).

### NOTES:

- a) Make very small adjustments and let the tool run for a few seconds after each adjustment to allow the sanding belt to move to its new tracking position on the rollers.
- b) Turn the tracking adjustment knob clockwise to make the belt move toward the tracking knob. Turn the tracking adjustment knob counter clockwise to make the sanding belt move away from the tracking adjustment knob.
- c) Continue to make SMALL adjustments until the sanding belt is tracking in the center of the rollers before using the sander on the workpiece.

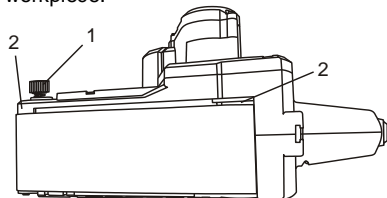


Fig. 6

# ASSEMBLY AND OPERATING

## SELECTING THE CORRECT SANDING BELT

The belt sander is designed to quickly remove large amounts of materials.

Selecting the correct sanding belt will allow the belt sander to work more efficiently and produce the desired surface finish. Typical sanding belt grades are:

- Coarse (40 grit)
- Medium (80 and 100 grit)
- Fine (120 grit)

Use coarse grade for fast material removal on rough surfaces and for paint removal.

Use medium grade for initial sanding of smoother surfaces.

Use fine grade for final sanding of the surface with the belt sander.

Always test the sanding belt on a scrap workpiece to ensure it will not damage your actual workpiece.

After completing sanding with the belt sander, a smoother finish will be achieved by final sanding with an orbital finishing sander.

### WARNING

For safety reasons, the operator must read the sections of this Owner's Manual entitled "GENERAL SAFETY WARNINGS", "POWER TOOL SAFETY", "SPECIFIC SAFETY RULES", "GUIDELINES FOR EXTENSION CORDS" and "SYMBOLS" before using this belt sander.

Verify the following every time the belt sander is used:

1. Safety glasses, safety goggles, or face shield is being worn.
2. Hearing protection and dust mask are being worn.
3. The sanding belt is in good condition and is the correct type for the workpiece.
4. The sanding belt is tracking in the center of the rollers.
5. The power cord is clear of the sanding belt path.
6. The workpiece is clear of any foreign materials such as nails.

Failure to observe these safety rules will significantly increase the risk of injury.

## ADJUSTING THE FRONT HANDLE

Before beginning to sand, it is important that you position the front handle of the sander to a position that is most comfortable for you.

1. Pull the front handle adjustment lever (1) out of the left hand side of the front handle (Fig. 7).
2. Move the handle up or down to the most comfortable position.  
**NOTE:** There are three positions available. Simply "bump" the handle up or down to each detent.
3. When the handle is positioned properly, push the front handle adjustment lever back into the handle to lock it into position.

# ASSEMBLY AND OPERATING

## ADJUSTING THE FRONT HANDLE – cont'd

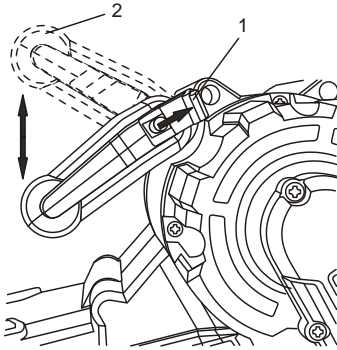


Fig. 7

## GENERAL PURPOSE SANDING

**⚠ WARNING:** Never use the belt sander as a wet sander. The tool will be damaged and possibly become a fire hazard.

**⚠ WARNING:** Never use the belt sander to sand any metal containing magnesium. Magnesium could become a fire hazard.

1. Squeeze the trigger switch and check to make sure the sanding belt is tracking in the center of the sanding belt rollers. Adjust if necessary (Fig. 6).
2. Carefully lower the tool until the sanding belt contacts the workpiece (Fig. 8).

**NOTE:** For general sanding, always place the sander on the workpiece so the sanding belt is running parallel to the wood grain. Sanding across the grain will produce a much rougher surface.

3. While applying only light pressure on the sander, move it across the workpiece surface to be sanded.

## NOTES:

- a) It is important to keep the sander moving at all times while the sanding belt is in contact with the workpiece. Allowing the tool to become stationary will create a groove or dent in the workpiece.
- b) Only apply light pressure to the sander while it is working. Applying too much pressure will slow the belt down and produce a rougher surface. It will also overheat and damage the motor.

4. When sanding is completed, lift the sander away from the workpiece and turn the switch OFF.

**NOTE:** Always allow the sanding belt to come to a complete stop before setting the tool down.

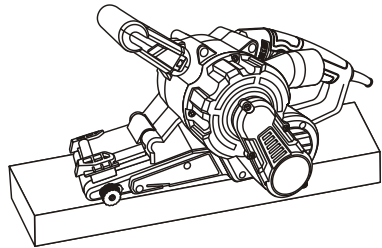


Fig. 8

## SANDING ROUGH WOOD SURFACES OR REMOVING PAINT

1. Sand rough wood surfaces or remove paint by sanding across the grain at 45° in both directions (Fig. 9).

## NOTES:

- a) Sanding at 45° will result in faster removal of surface material.
- b) Move the sander in a linear motion only. Moving the sander in an orbital motion may cause the belt to track improperly on the sanding belt rollers.

2. Finish sanding parallel to the wood grain.

# ASSEMBLY AND OPERATING

## SANDING ROUGH WOOD SURFACES OR REMOVING PAINT – cont'd

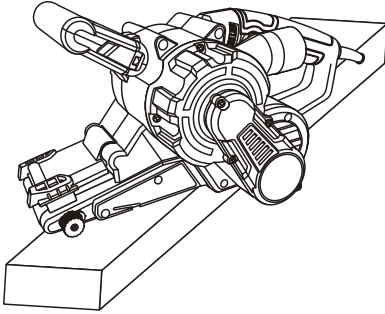


Fig. 9

## SANDING CONCAVE SURFACES

Use the front sanding belt roller to sand concave surfaces (Fig. 10).

**NOTE:** Use only slight pressure on the sander. Be careful to keep the sander moving while using the front roller only. The sander will easily gouge the workpiece if too much pressure is applied or if the sander is not kept moving.

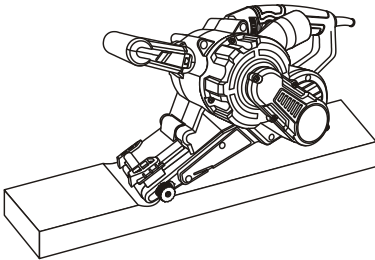


Fig. 10

## USING THE SANDER AS A STATIONARY BELT SANDER

For sanding smaller workpieces this sander can be clamped up-side down onto a work bench.

1. Turn the sander upside down at the edge of the work bench (1) (Fig. 11).
2. Locate the two clamps that came with your belt sander.
3. Turn the "eye" of each clamp (2) counter clockwise until the clamps are fully opened.
4. Slide the clamp pins (3) into the clamping holes (4) in the sander.
5. Turn the "eye" of each clamp (2) clockwise until the clamps tightly hold the sander to the workbench.
6. When the sander is firmly anchored onto the workbench, set the sander speed control wheel, turn the sander ON and lock the switch ON using the lock-on button.
7. Use the sander as a stationary sander to sand smaller workpieces.

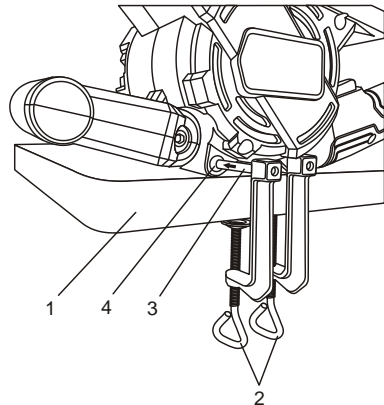


Fig. 11

# MAINTENANCE

## GENERAL

**⚠ WARNING:** When servicing this tool, use only identical replacement parts. The use of any other part may create a hazard or cause product damage.

DO NOT use solvents when cleaning plastic parts. Plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use a clean cloth to remove dirt, dust, oil, grease etc.

**⚠ WARNING:** Do not allow brake fluids, gasoline, petroleum-based products, penetrating oils, etc. to come into contact with plastic parts. They contain chemicals that can damage, weaken or destroy plastic.

DO NOT abuse power tools. Abusive practices can damage the tool and the workpiece.

**⚠ WARNING:** DO NOT attempt to modify tools or create accessories. 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.

It has been found that electric tools are subjected to accelerated wear and possible premature failure when they are used on fiberglass boats and sports cars, wallboard, spackling compounds or plaster. The chips and grindings from these materials are highly abrasive to electric 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 compounds or plaster. During any use on these materials it is extremely important that the tool is cleaned frequently by blowing the accumulated debris out with an air jet.

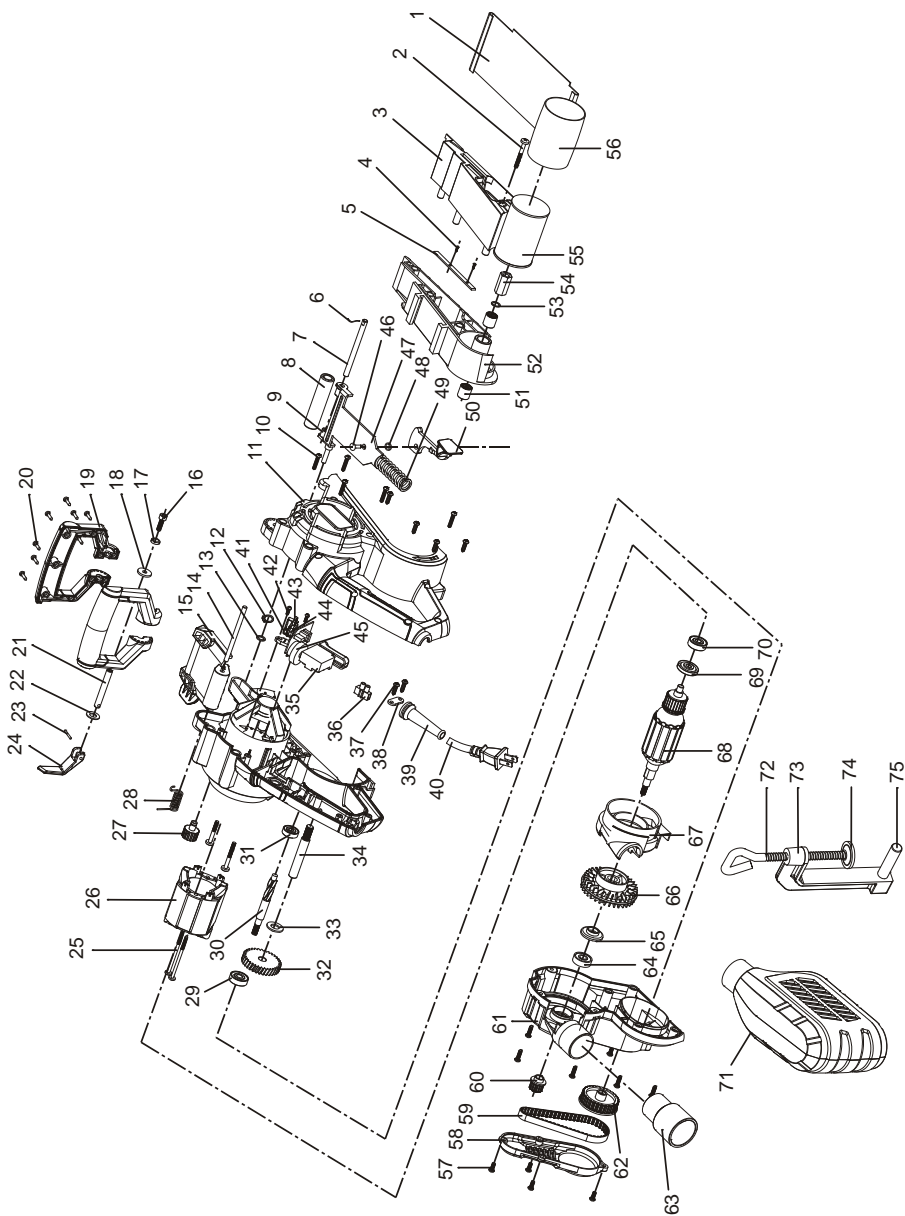
**⚠ WARNING:** Always wear safety goggles or safety glasses with side shields during all cutting operations. It is critical that you wear safety goggles or safety glasses with side shields and a dust mask while blowing dust out of the belt sander with an air jet. Failure to take these safety precautions could result in permanent eye or lung damage.

## LUBRICATION

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



# EXPLODED VIEW



# PARTS LIST

**▲ WARNING:** When servicing, use only original equipment replacement parts. The use of any other parts may create a safety hazard or cause damage to the belt sander.

Any attempt to repair or replace electrical parts on this belt sander may create a safety hazard unless repairs are performed by a qualified technician. For more information, call the Toll-free Helpline, at 1-866-349-8665 (Monday through Friday 9am – 5pm Eastern Time).

**Always order by PART NUMBER, not by key number.**

| Key # | Part #     | Part Name                                   | Quantity |
|-------|------------|---|----------|
| 1     | 2030010067 | Base  | 1        |
| 2     | 4030010125 | Screw T3.9x35                               | 3        |
| 3     | 3160040115 | Base cover                                  | 1        |
| 4     | 4020020009 | M4x6 screw                                  | 2        |
| 5     | 2030030299 | Bumper block                                | 1        |
| 6     | 4610010002 | Steel wire                                  | 1        |
| 7     | 2040160217 | Driven wheel shaft                          | 1        |
| 8     | 2020160033 | Driven wheel bushing                        | 1        |
| 9     | 4010020002 | Roller bearing                              | 2        |
| 10    | 4030010106 | Screw ST3.9x19                              | 6        |
| 11    | 3011320001 | Housing                                     | 1        |
| 12    | 4100020037 | Snap ring 6mm                               | 1        |
| 13    | 2030020369 | Washer $\Phi 7.2 \times \Phi 10.5 \times 1$ | 1        |
| 14    | 2040160218 | Pin $\Phi 5 \times 76$                      | 1        |
| 15    | 3160040114 | Movable guard                               | 1        |
| 16    | 4020080010 | Screw $\Phi 5 \times 12$                    | 1        |
| 17    | 4040040001 | Spring washer                               | 1        |
| 18    | 2030020367 | Washer $\Phi 5 \times \Phi 17 \times 2$     | 1        |
| 19    | 3120070059 | Front handle                                | 1        |
| 20    | 4030010034 | Screw ST2.9x16                              | 9        |
| 21    | 2040290043 | Front handle shaft (19)                     | 1        |
| 22    | 2030020200 | Washer $\Phi 8.5 \times \Phi 16 \times 1$   | 1        |
| 23    | 2040160099 | Front handle latch pin                      | 1        |
| 24    | 2020230001 | Front handle locking lever                  | 1        |
| 25    | 4030010169 | Screw ST4.2x55                              | 2        |
| 26    | 1020090003 | Stator                                      | 1        |
| 27    | 3120060070 | Belt tracking knob                          | 1        |
| 28    | 2050050056 | Torsion spring                              | 1        |
| 29    | 4010010106 | Bearing 627-2RS                             | 1        |
| 30    | 2040040126 | Belt wheel shaft                            | 1        |

# PARTS LIST

| Key # | Part #      | Part Name                                    | Quantity |
|-------|-------------|--|----------|
| 31    | 4010010031  | Bearing 626-2Z                               | 1        |
| 32    | 2040080056  | Big gear                                     | 1        |
| 33    | 2030020123  | Washer $\Phi 10.5 \times \Phi 20 \times 1.5$ | 1        |
| 34    | 2040290104  | Drive wheel shaft                            | 1        |
| 35    | 1061040007  | Switch                                       | 1        |
| 36    | 1250010003  | Terminal block                               | 1        |
| 37    | 4030010099  | Screw ST3.9x14                               | 12       |
| 38    | 2030050002  | Cord clamp                                   | 1        |
| 39    | 3140010004  | Cord sleeve                                  | 1        |
| 40    | 1190290013  | UL cord                                      | 1        |
| 41    | 1230030025  | Brush holder                                 | 2        |
| 42    | 4030010020  | Screw ST2.9x6                                | 4        |
| 43    | 2050020027  | Brush spring                                 | 2        |
| 44    | 1230010141  | Brush  | 2        |
| 45    | 1130010266  | PCB  | 1        |
| 46    | 4090040020  | Rivet  | 1        |
| 47    | 2030100083  | Driven wheel support                         | 1        |
| 48    | 2030020267  | Washer $\Phi 6.2 \times \Phi 12 \times 1$    | 1        |
| 49    | 2050060263  | Spring                                       | 1        |
| 50    | 3120100060  | Belt tension release lever                   | 1        |
| 51    | 4010020003  | Roller bearing                               | 2        |
| 52    | 2020140016  | Base   | 1        |
| 53    | 2030020368  | Washer $\Phi 8.2 \times \Phi 11 \times 0.5$  | 1        |
| 54    | 4060010037  | Nut M8x25                                    | 1        |
| 55    | 3150230010  | Drive wheel                                  | 1        |
| 56    | 3140080050  | Rubber sleeve for drive wheel (55)           | 1        |
| 57    | 4030010243  | Screw ST3.9x10                               | 4        |
| 58    | 3160090118  | Drive belt wheel cover                       | 1        |
| 59    | 3150030023  | Drive belt                                   | 1        |
| 60    | 2020160032  | Small belt wheel                             | 1        |
| 61    | 3150160256  | Drive belt housing                           | 1        |
| 62    | 13150030022 | Large wheel                                  | 1        |
| 63    | 3180040127  | Dust port                                    | 1        |
| 64    | 4010010048  | Bearing 608-2RS                              | 11       |
| 65    | 3150240031  | 608 bearing dust excluding ring              | 1        |
| 66    | 3150010123  | Fan  | 1        |
| 67    | 3150050100  | Air baffle                                   | 1        |
| 68    | 1010090003  | Rotor  | 1        |
| 69    | 3150130030  | Dust excluding ring                          | 1        |
| 70    | 4010010053  | Bearing 607-2RS                              | 1        |
| 71    | 3180020041  | Dust box                                     | 1        |
| 72    | 2040140063  | Bolt   | 1        |
| 73    | 2020140017  | Clamp  | 1        |
| 74    | 2030160164  | Clamp plate                                  | 1        |
| 75    | 2040160219  | Pin  | 1        |

## **PERFORMAX® BELT SANDER WARRANTY**

### **30-DAY MONEY BACK GUARANTEE:**

This PERFORMAX® brand power tool carries our 30-Day Money Back Guarantee. If you are not completely satisfied with your PERFORMAX® brand power tool for any reason within thirty (30) days from the date of purchase, return the tool with your original receipt to any MENARDS® retail store, and we will provide you a refund – no questions asked.

### **2-YEAR LIMITED WARRANTY:**

This PERFORMAX® brand power tool carries a 2-Year Limited Warranty to the original purchaser. If, during normal use, this PERFORMAX® power tool breaks or fails due to a defect in material or workmanship within two (2) years from the date of original purchase, simply bring this tool with the original sales receipt back to your nearest MENARDS® retail store. At its discretion, PERFORMAX® agrees to have the tool or any defective part(s) repaired or replaced with the same or similar PERFORMAX® product or part free of charge, within the stated warranty period, when returned by the original purchaser with original sales receipt. Notwithstanding the foregoing, this limited warranty does not cover any damage that has resulted from abuse or misuse of the Merchandise. This warranty: (1) excludes expendable parts including but not limited to blades, brushes, belts, bits, light bulbs, and/or batteries; (2) shall be void if this tool is used for commercial and/or rental purposes; and (3) does not cover any losses, injuries to persons/property or costs. This warranty does give you specific legal rights and you may have other rights, which vary from state to state. Be careful, tools are dangerous if improperly used or maintained. Seller's employees are not qualified to advise you on the use of this Merchandise. Any oral representation(s) made will not be binding on seller or its employees. The rights under this limited warranty are to the original purchaser of the Merchandise and may not be transferred to any subsequent owner. This limited warranty is in lieu of all warranties, expressed or implied including warranties or merchantability and fitness for a particular purpose. Seller shall not be liable for any special, incidental, or consequential damages. The sole exclusive remedy against the seller will be for the replacement of any defects as provided herein, as long as the seller is willing or able to replace this product or is willing to refund the purchase price as provided above. For insurance purposes, seller is not allowed to demonstrate any of these power tools for you.

For questions / comments, technical assistance or repair parts –  
Please Call Toll Free at: 1-866-349-8665 (M-F 8am – 6pm)

**SAVE YOUR RECEIPTS. THIS WARRANTY IS VOID WITHOUT THEM.**

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