# **Owner's Manual & Safety Instructions**

**Save This Manual** Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.



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When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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## 

Read this material before using this product. Failure to do so can result in serious injury. SAVE THIS MANUAL.

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|                 | WARNING SYMBOLS AND DEFINITIONS  |  |  |
|-----------------|--|--|--|
|                 | This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death. |  |  |
|                 | Indicates a hazardous situation which, if not avoided, will result in death or serious injury.   |  |  |
|                 | Indicates a hazardous situation which, if not avoided, could result in death or serious injury.  |  |  |
| <b>ACAUTION</b> | Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.   |  |  |
| NOTICE          |  |  |  |
| CAUTION         | Addresses practices not related to personal injury.  |  |  |

# **IMPORTANT SAFETY INFORMATION**

## **General Power Tool Safety Warnings**

## **A**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.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool.

## Work Area Safety

- 1. Keep work area clean and well lit. Cluttered or 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. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

OPERATION

## **Electrical Safety**

- 1. Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- 2. 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.
- 3. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- 4. 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.
- 5. 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.
- 6. If operating a power tool in a damp location is unavoidable, use a Ground Fault Circuit Interrupter (GFCI) protected supply. Use of a GFCI reduces the risk of electric shock.

## **Personal Safety**

- 1. 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.
- 2. Use personal protective equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- 3. Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source, 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.
- 4. 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.

- 5. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- 6. Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.
- 7. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust-related hazards.
- 8. Only use safety equipment that has been approved by an appropriate standards agency. Unapproved safety equipment may not provide adequate protection. Eye protection must be ANSI-approved and breathing protection must be NIOSH-approved for the specific hazards in the work area.

## Power Tool Use and Care

- 1. 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.
- 2. 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.
- 3. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- 4. 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.
- 5. 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.*
- 6. 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.

# SETL

## 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.

## **Belt Sander Safety Warnings**

- 1. 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.
- Maintain labels and nameplates on the tool. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.
- 3. Avoid unintentional starting. Prepare to begin work before turning on the tool.
- 4. Do not lay the tool down until it has come to a complete stop. Moving parts can grab the surface and pull the tool out of your control.
- 5. When using a handheld power tool, maintain a firm grip on the tool with both hands to resist starting torque.
- 6. Do not leave the tool unattended when it is plugged into an electrical outlet. Turn off the tool, and unplug it from its electrical outlet before leaving.

- 7. This product is not a toy. Keep it out of reach of children.
- People with pacemakers should consult their physician(s) before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure. In addition, people with pacemakers should:
  - Avoid operating alone.
  - Do not use with power switch locked on.
  - Properly maintain and inspect to avoid electrical shock.

• Any power cord must be properly grounded. Ground Fault Circuit Interrupter (GFCI) should also be implemented – it prevents sustained electrical shock.

9. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

OPERATION

This tool vibrates during use. Repeated or long-term exposure to vibration may cause temporary or permanent physical injury, particularly to the hands, arms and shoulders. To reduce the risk of vibration-related injury:

- Anyone using vibrating tools regularly or for an extended period should first be examined by a doctor and then have regular medical check-ups to ensure medical problems are not being caused or worsened from use. Pregnant women or people who have impaired blood circulation to the hand, past hand injuries, nervous system disorders, diabetes, or Raynaud's Disease should not use this tool. If you feel any symptoms related to vibration (such as tingling, numbness, and white or blue fingers), seek medical advice as soon as possible.
- 2. Do not smoke during use. Nicotine reduces the blood supply to the hands and fingers, increasing the risk of vibration-related injury.
- 3. Wear suitable gloves to reduce the vibration effects on the user.
- 4. Use tools with the lowest vibration when there is a choice.
- 5. Include vibration-free periods each day of work.
- 6. Grip tool as lightly as possible (while still keeping safe control of it). Let the tool do the work.
- 7. To reduce vibration, maintain the tool as explained in this manual. If any abnormal vibration occurs, stop use immediately.

# **SAVE THESE INSTRUCTIONS.**

## Grounding

## **AWARNING**

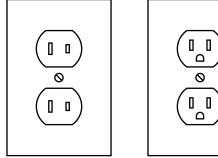


TO PREVENT ELECTRIC SHOCK AND DEATH FROM INCORRECT GROUNDING WIRE CONNECTION:

Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded. Do not modify the power cord plug provided with the tool. Never remove the

grounding prong from the plug. Do not use the tool if the power cord or plug is damaged. If damaged, have it repaired by a service facility before use. If the plug will not fit the outlet, have a proper outlet installed by a qualified electrician.

## **Double Insulated Tools: Tools with Two Prong Plugs**



**Outlets for 2-Prong Plug** 

- Tools marked "Double Insulated" do not require grounding. They have a special double insulation system which satisfies OSHA requirements and complies with the applicable standards of Underwriters Laboratories, Inc., the Canadian Standard Association, and the National Electrical Code.
- Double insulated tools may be used in either of the 120 volt outlets shown in the preceding illustration. (See Outlets for 2-Prong Plug.)

## **Extension Cords**

- Grounded tools require a three wire extension cord. Double Insulated tools can use either a two or three wire extension cord.
- As the distance from the supply outlet increases, you must use a heavier gauge extension cord. Using extension cords with inadequately sized wire causes a serious drop in voltage, resulting in loss of power and possible tool damage. (See Table A.)
- 3. The smaller the gauge number of the wire, the greater the capacity of the cord. For example, a 14 gauge cord can carry a higher current than a 16 gauge cord. (See Table A.)
- 4. When using more than one extension cord to make up the total length, make sure each cord contains at least the minimum wire size required. (See Table A.)
- 5. If you are using one extension cord for more than one tool, add the nameplate amperes and use the sum to determine the required minimum cord size. (See Table A.)
- If you are using an extension cord outdoors, make sure it is marked with the suffix "W-A" ("W" in Canada) to indicate it is acceptable for outdoor use.

- 7. Make sure the extension cord is properly wired and in good electrical condition. Always replace a damaged extension cord or have it repaired by a qualified electrician before using it.
- 8. Protect the extension cords from sharp objects, excessive heat, and damp or wet areas.

| TABLE A: RECOMMENDED MINIMUM WIREGAUGE FOR EXTENSION CORDS* (120/240 VOLT) |     |             |     |      |      |
|--|-----|-------------|-----|------|------|
| NAMEPLATE EXTENSION CO<br>AMPERES LENGTH                                   |     |             |     |      | כ    |
| (at full load)   | 25´ | <b>50</b> ′ | 75´ | 100´ | 150´ |
| 0 – 2.0  | 18  | 18          | 18  | 18   | 16   |
| 2.1 – 3.4  | 18  | 18          | 18  | 16   | 14   |
| 3.5 – 5.0  | 18  | 18          | 16  | 14   | 12   |
| 5.1 – 7.0  | 18  | 16          | 14  | 12   | 12   |
| 7.1 – 12.0   | 18  | 14          | 12  | 10   | -    |
| 12.1 – 16.0  | 14  | 12          | 10  | -    | -    |
| 16.1 – 20.0  | 12  | 10          | -   | -    | -    |
| * Based on limiting the line voltage drop to five volts at                 |     |             |     |      |      |

\* Based on limiting the line voltage drop to five volts at 150% of the rated amperes.

## Symbology

|                          | Double Insulated  | Read the manual before set-up and/or use.  |
|--------------------------|---|--|
| VAC                      | Volts Alternating Current   | WARNING marking concerning<br>Risk of Hearing Loss.  |
| Α                        | Amperes   | Wear hearing protection.<br>WARNING marking  |
| n <sub>0</sub> xxxx/min. | No Load Revolutions per Minute (RPM)  | concerning Risk of Fire.<br>Do not cover ventilation ducts.<br>Keep flammable objects away.                    |
|                          | WARNING marking concerning Risk<br>of Eye Injury. Wear ANSI-approved<br>safety goggles with side shields. | WARNING marking concerning<br>Risk of Electric Shock.<br>Properly connect power cord<br>to appropriate outlet. |



## Specifications

SETUP

| Electrical Rating     | 120 VAC / 60 Hz / 5.3 A        |
|-----------------------|--------------------------------|
| Belt Speed            | 2300 Feet Per Minute           |
| Sanding Area          | 1/2" W x 5" L                  |
| Pivot Head            | Adjustable 180°<br>up and down |
| Replacement Belt Size | 1/2" W x 18" L                 |

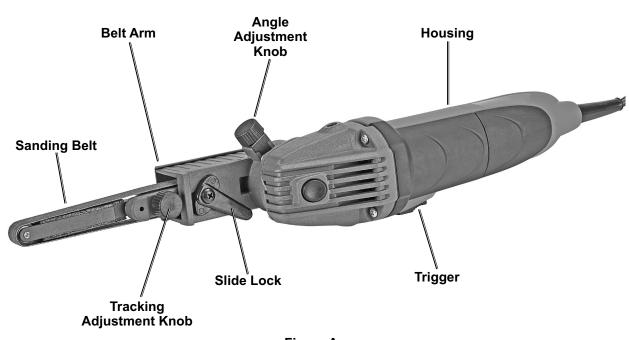
### Setup - Before Use:



Read the <u>ENTIRE</u> IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

**Note:** For additional information regarding the parts listed in the following pages, refer to *Parts List and Diagram* on page 14.

## Functions





**OPERATION** 

#### **Operating Instructions**

Read the <u>ENTIRE</u> IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

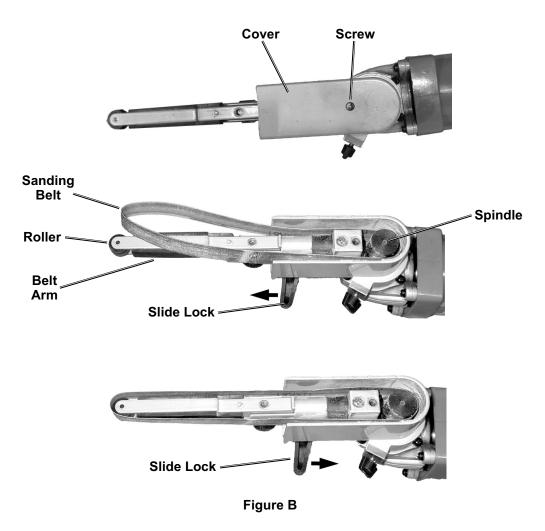
# Tool Set Up

**A**WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION: Turn the Power Switch of the tool off and unplug the tool from its electrical outlet before adjusting tool or installing accessories.

#### Installing the Sanding Belt

- 1. Remove Screw (2.16) and Cover (2.15).
- Turn the Slide Lock (2.11) completely to one side toward the Roller (1.2) to reduce tension on the Roller so the Sanding Belt (501) can be slipped over easily.
- 3. Place the Sanding Belt over the Roller and the Spindle (4.1) on the Belt Arm.
- 4. Turn the Slide Lock back so it points away from the Roller to secure the Sanding Belt to the Belt Arm. Make sure the Belt is properly aligned on the Roller and the Spindle.
- 5. Replace Cover and Screw.
- 6. If needed, adjust the tracking of the Sanding Belt by turning the Tracking Adjustment Knob (2.4).



## Work Piece and Work Area Set Up

- Designate a work area that is clean and welllit. The work area must not allow access by children or pets to prevent distraction and injury.
- Route the power cord along a safe route to reach the work area without creating a tripping hazard or exposing the power cord to possible damage. The power cord must reach the work area with enough extra length to allow free movement while working.
- 3. Secure loose work pieces using a vise or clamps (not included) to prevent movement while working.
- 4. There must not be objects, such as utility lines, nearby that will present a hazard while working.

SAFETY



## **General Operating Instructions**

- Loosen the Angle Adjustment Knob and adjust the Belt Arm to the desired angle. The Belt Arm can rotate 180 degrees.
- 2. Tighten Angle Adjustment Knob to secure Belt Arm in place.
- 3. Plug the Power Cord into a GFCIprotected electrical outlet.
- 4. Securely grasp the tool handle with both hands and make sure the Sanding Belt is not touching any surface. Press the Trigger to the On (I) position.
- 5. Place the rotating Sanding Belt on the workpiece surface. Begin sanding with light movements and pressure until the sanding capability is known on the material being sanded.

- 6. Keep light pressure on the Sander when in use. To avoid damaging the work surface, do not apply heavy pressure.
- 7. When finished using the Belt Sander, press the Trigger to the Off (O) position. Wait until the motor stops before setting the tool down.
- 8. Unplug the unit from the electrical outlet.
- 9. To prevent accidents, turn off the tool and disconnect its power supply after use. Clean, then store the tool indoors out of children's reach.

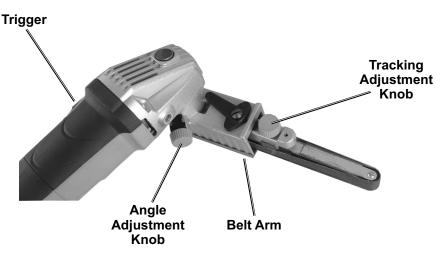


Figure C



#### Maintenance and Servicing



Procedures not specifically explained in this manual must be performed only by a qualified technician.

## 

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION: Turn the Power Switch of the tool off and unplug the tool from its electrical outlet before performing any inspection, maintenance, or cleaning procedures.

TO PREVENT SERIOUS INJURY FROM TOOL FAILURE: Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

## Cleaning, Maintenance, and Lubrication

- 1. **BEFORE EACH USE**, inspect the general condition of the tool. Check for:
  - · loose hardware
  - · misalignment or binding of moving parts
  - · cracked or broken parts
  - · damaged cord/electrical wiring
  - worn or torn sanding belt
  - any other condition that may affect its safe operation.

- 2. **AFTER USE**, wipe external surfaces of the tool with clean cloth.
- Periodically blow dust and grit out of the motor vents using dry compressed air. Wear ANSI-approved safety goggles and NIOSH-approved breathing protection while doing this.
- 4. AWARNING! TO PREVENT SERIOUS INJURY: If the supply cord of this power tool is damaged, it must be replaced only by a qualified service technician.

## Troubleshooting

| Problem  | Possible Causes   | Likely Solutions  |  |  |
|--|---|---|--|--|
| Tool will not start.                                     | 1. Cord not connected.  | 1. Check that cord is plugged in.   |  |  |
|  | 2. No power at outlet.  | <ol> <li>Check power at outlet. If outlet is unpowered,<br/>turn off tool and check circuit breaker. If breaker<br/>is tripped, make sure circuit is right capacity<br/>for tool and circuit has no other loads.</li> </ol> |  |  |
|  | <ol> <li>Tool's thermal reset breaker<br/>tripped (if equipped).</li> </ol>                   | <ol> <li>Turn off tool and allow to cool.</li> <li>Press reset button on tool.</li> </ol>   |  |  |
|  | <ol> <li>Internal damage or wear.<br/>(Carbon brushes or<br/>switch, for example.)</li> </ol> | 4. Have technician service tool.  |  |  |
| Tool operates slowly.                                    | Extension cord too long or<br>cord diameter too small.  | Eliminate use of extension cord. If an extension cord<br>is needed, use one with the proper diameter for its<br>length and load. See <i>Extension Cords</i> on page 7.  |  |  |
| Belt does not stay<br>centered or scrapes<br>on Housing. | Tracking is uneven.   | Adjust the tracking of the Sanding Belt using the Tracking Adjustment Knob.   |  |  |
| Performance decreases over time.                         | 1. Sanding Belt dull or damaged.  | <ol> <li>Keep cutting accessories sharp. Replace as needed.<br/>Refer to <i>Installing the Sanding Belt</i> on page 9.</li> </ol>   |  |  |
|  | <ol> <li>Carbon brushes worn<br/>or damaged.</li> </ol>                                       | 2. Have qualified technician replace brushes.   |  |  |
| Excessive noise<br>or rattling.                          | Internal damage or wear. (Carbon brushes or bearings, for example.)                           |   |  |  |
| Overheating.   | 1. Forcing tool to work too fast.   | 1. Allow tool to work at its own rate.  |  |  |
|  | 2. Sanding Belt misaligned.   | <ol> <li>Use the Tracking Adjustment Knob<br/>to correct belt tracking.</li> </ol>  |  |  |
|  | 3. Sanding Belt dull or damaged.  | <ol> <li>Replace belt as needed. Refer to <i>Installing</i><br/>the Sanding Belt on page 9.</li> </ol>  |  |  |
|  | 4. Blocked motor housing vents.   | <ol> <li>Wear ANSI-approved safety goggles and<br/>NIOSH-approved dust mask/respirator while<br/>blowing dust out of motor using compressed air.</li> </ol>   |  |  |
|  | 5. Motor being strained by long or small diameter extension cord.                             | <ol> <li>Eliminate use of extension cord. If an extension cord<br/>is needed, use one with the proper diameter for its<br/>length and load. See Extension Cords on page 7.</li> </ol>                                       |  |  |



Follow all safety precautions whenever diagnosing or servicing the tool. Disconnect power supply before service.

SAFETY

#### Parts List and Diagram

## PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

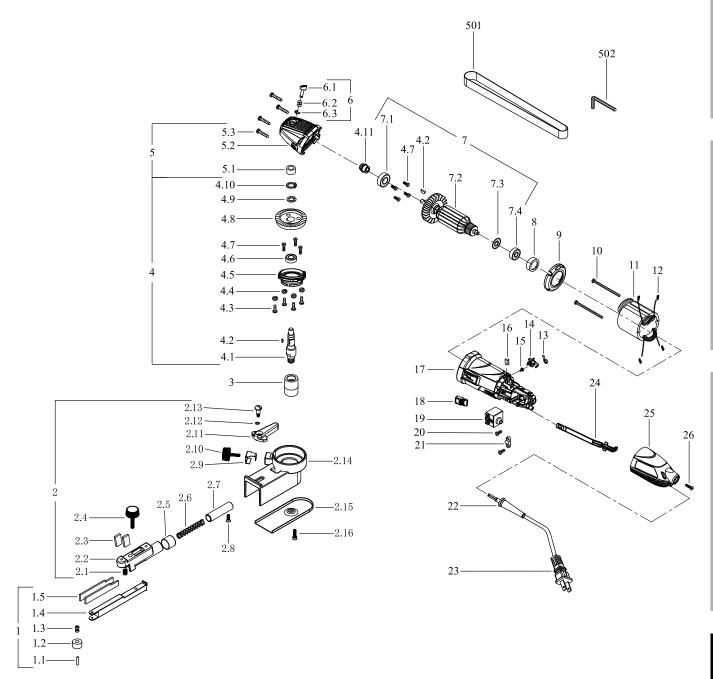
## Parts List

| Part Description |                          |   |      | Description           | Qty |
|------------------|--------------------------|---|------|-----------------------|-----|
| 1                | Contact Arm Assembly     | 1 | 4.11 | Gear                  | 1   |
| 1.1              | Rivet                    | 1 | 5    | Gear Housing Assembly | 1   |
| 1.2              | Roller                   | 1 | 5.1  | Bearing               | 1   |
| 1.3              | Bearing                  | 2 | 5.2  | Gear Housing          | 1   |
| 1.4              | Contact Arm              | 1 | 5.3  | Screw                 | 4   |
| 1.5              | Friction Plate           | 2 | 6    | Spindle Lock Assembly | 1   |
| 2                | Belt Housing             | 1 | 6.1  | Brake Pin             | 1   |
| 2.1              | Spring                   | 1 | 6.2  | Spring                | 1   |
| 2.2              | Tension Arm              | 1 | 6.3  | E-Ring                | 1   |
| 2.3              | Pressure Plate           | 2 | 7    | Armature Assembly     | 1   |
| 2.4              | Tracking Adjustment Knob | 1 | 7.1  | Bearing               | 1   |
| 2.5              | Rubber Bushing           | 1 | 7.2  | Armature              | 1   |
| 2.6              | Spring                   | 1 | 7.3  | Dust Cap              | 1   |
| 2.7              | Tension Shaft            | 1 | 7.4  | Bearing               | 1   |
| 2.8              | Screw                    | 1 | 8    | Rubber Bushing        | 1   |
| 2.9              | Bracket                  | 1 | 9    | Fan Guide             | 1   |
| 2.10             | Angle Adjustment Knob    | 1 | 10   | Screw                 | 2   |
| 2.11             | Slide Lock               | 1 | 11   | Stator                | 1   |
| 2.12             | Washer                   | 1 | 12   | Wiring                | 4   |
| 2.13             | Screw                    | 1 | 13   | Spring                | 2   |
| 2.14             | Belt Housing             | 1 | 14   | Carbon Brush Holder   | 2   |
| 2.15             | Cover                    | 1 | 15   | Screw                 | 2   |
| 2.16             | Screw                    | 1 | 16   | Carbon Brush          | 2   |
| 3                | Drive Wheel              | 1 | 17   | Motor Housing         | 1   |
| 4                | Spindle Assembly         | 1 | 18   | Trigger               | 1   |
| 4.1              | Spindle                  | 1 | 19   | Switch                | 1   |
| 4.2              | Woodruff Key             | 1 | 20   | Screw                 | 2   |
| 4.3              | Screw                    | 4 | 21   | Power Cord Clip       | 1   |
| 4.4              | Spring Washer            | 4 | 22   | Power Cord Sleeve     | 1 1 |
| 4.5              | Gear Cover               | 1 | 23   | Power Cord            | 1   |
| 4.6              | Bearing                  | 1 | 24   | Switch Arm            | 1   |
| 4.7              | Screw                    | 7 | 25   | Rear Housing          | 1   |
| 4.8              | Gear                     | 1 | 26   | Screw                 | 1   |
| 4.9              | Spring Washer            | 1 | 501  | Sanding Belt          | 2   |
| 4.10             | Circlip                  | 1 | 502  | Hex Key               |     |

#### Record Product's Serial Number Here:\_

#### Note: If product has no serial number, record month and year of purchase instead.

<u>Note:</u> Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts. Specify UPC 193175433008 when ordering parts.



### Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.



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