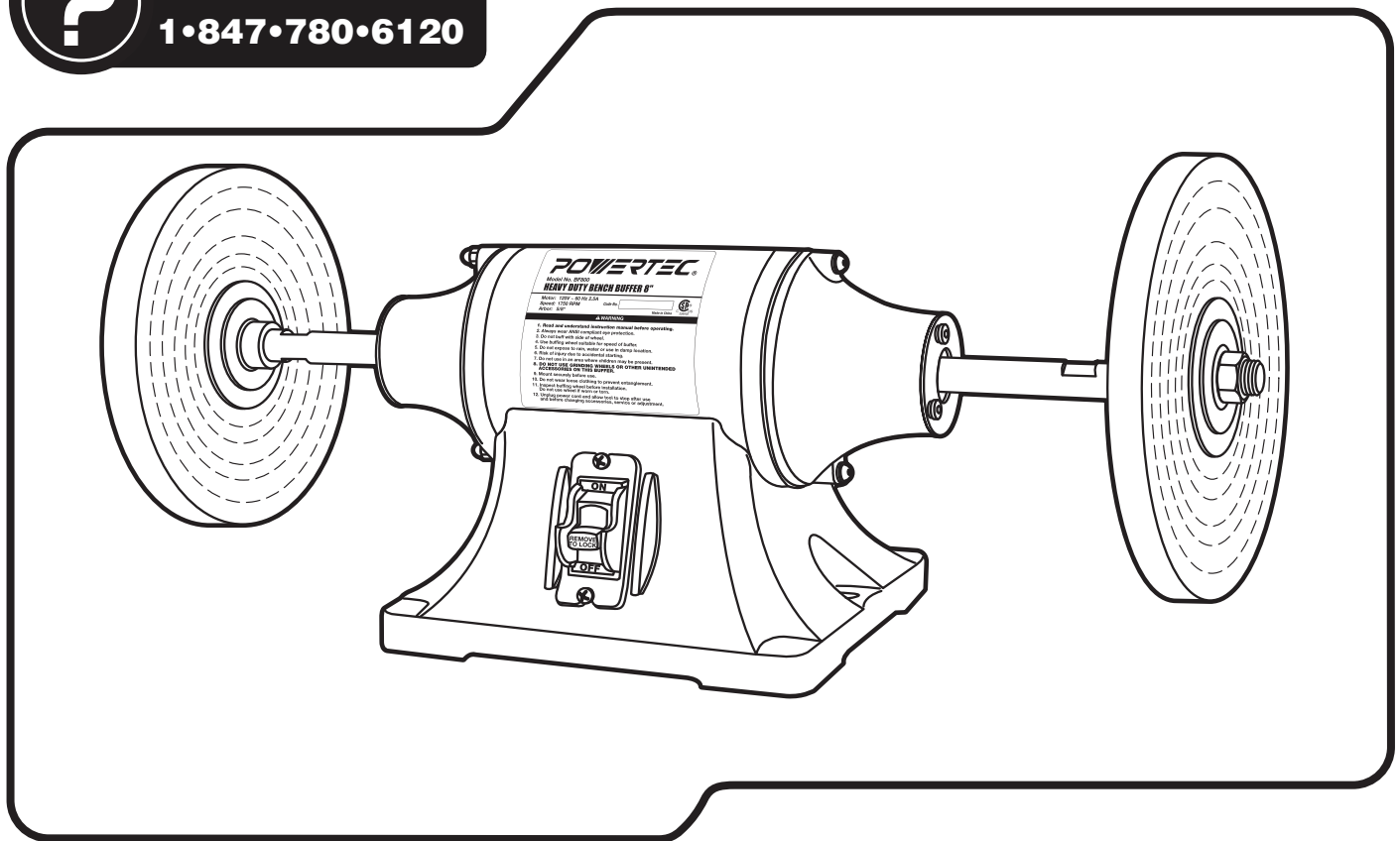


# Owner's Manual

## **POWERTEC®**

# 8" Heavy Duty Bench Buffer



Visit us on the web at [powertecproducts.com](http://powertecproducts.com)



You will need this manual for safety instructions, operating procedures, and warranty. Put it and the original sales invoice in a safe, dry place for future reference.

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## PRODUCT SPECIFICATIONS

Electrical Rating . . . . . 1/2 HP, 120V, 60 Hz, 2.5A

Motor No Load Speed. . . . . 1750 RPM

Max. Accessory Diameter. . . . . 8" (203 mm)

Arbor Size . . . . . 5/8" (15.88 mm)

Recommended Run Time. . . . . 30 Minutes

Rotation (when viewed from left side). . . . . Clockwise

# SAFETY RULES



1

## WARNING

For your own safety, read and understand all warnings and operating instructions before using any tool or equipment.

## WARNING

Some dust created by operation of power tool contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. To reduce your exposure to these chemicals, work in a well ventilated area and work with approved safety equipment. Always wear OSHA/NIOSH approved, properly fitting face mask or respirator when using such tools.

## WARNING

Failure to follow these rules may result in serious personal injury. Remember that being careless for even a fraction of a second can result in severe personal injury.

## WORK PREPARATION

- Wear proper apparel. Do not wear loose clothing, gloves, neckties, rings, bracelets or other jewelry which may get caught in moving parts of the tool.
- Nonslip protective footwear is recommended. Wear protective hair covering to contain long hair.
- Wear eye and hearing protection. Always use safety glasses. Eye protection equipment should comply with ANSI Z87.1 standards. Hearing equipment should comply with ANSI S3.19 standards.
- Wear face mask or dust mask if operation is dusty.
- Be alert and think clearly. Never operate power tools when tired, intoxicated or when taking medications that cause drowsiness.

## WORK AREA PREPARATION

- Keep work area clean. Cluttered work areas and benches invite accidents.
- Work area should be properly lit.
- Do not use the machine in a dangerous environment. The use of power tools in damp or wet locations or in rain can cause shock or electrocution.
- Three-prong plug should be plugged directly into properly grounded, three-prong receptacle.
- Use the proper extension cord. Make sure your extension cord is in good condition. It should have grounding prong and should be of the correct gauge.
- Keep children and visitors away. Your shop is a potentially dangerous environment. Children and visitors can be injured.
- Make your workshop childproof with padlocks, master switches or remove switch keys to prevent any unintentional use of power tools.

## TOOL MAINTENANCE

- Turn the machine "OFF", and disconnect the machine from the power source prior to inspection.
- Maintain all tools and machines in peak condition. Keep tools sharp and clean for best and safest performance.
- Follow instructions for lubricating and changing accessories.
- Check for damaged parts. Check for alignment of moving parts, binding, breakage, mounting and any other condition that may affect tool's operation.
- Poorly maintained tools and machines can further damage the tool or machine and/or cause injury.
- A guard or any other part that is damaged should be repaired or replaced. Do not perform makeshift repairs.

## TOOL OPERATION

- Avoid accidental start-up. Make sure that the tool is in the "OFF" position before plugging in.
- Use the right tool for your job. Do not force your tool or attachment to do a job for which it was not designed.
- Disconnect tool when changing parts.
- Don't force the workpiece on the machine. Damage to the machine and/or injury may result.
- Never leave tool running unattended. Turn the power off and do not leave tool until it comes to a complete stop.
- Do not overreach. Loss of balance can make you fall into a working machine, causing injury.
- Never stand on tool. Injury could occur if the tool tips, or if you accidentally contact the cutting tool.
- Know your tool. Learn the tool's operation, application and specific limitations before using it.
- Use a proper extension cord of the correct gauge. Your extension cord should have a grounding prong, and should be in good condition.
- Handle workpiece correctly. Keep hands away from moving parts.
- Turn tool off if it jams.
- Always feed workpiece against the direction of the sanding rotation. To maintain control, properly support long or wide workpieces.

## CAUTION

Think safety! Safety is a combination of operator common sense and alertness at all times when tool is being used.

## WARNING

Do not attempt to operate tool until it is completely assembled according to the instructions.

**SAVE ALL WARNINGS AND INSTRUCTIONS  
FOR FUTURE REFERENCE**



1

## 2 SPECIFIC SAFETY RULES FOR BENCH BUFFER

Be aware of general power tool safety. Make sure all the safety rules are understood.

- Wear eye protection.
- Use buffing wheel suitable for speed of bench buffer.
- Do not buff with side of wheel.
- DO NOT use grinding wheels or other unintended accessories on this bench buffer.
- DO NOT operate with any guard disabled, damaged or removed.
- The use of accessories or attachments not recommended by the manufacturer may result in a risk of injury to persons.
- When servicing use only identical replacement parts.
- 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.
- 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.
- Industrial applications must follow OSHA guidelines
- Maintain labels and nameplates on the tool. These carry important safety information.
- Avoid unintentional starting. Prepare to begin work before turning on the tool.
- 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.

### **WARNING**

**Handling the cord on this product will expose you to lead, a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm. Wash hands after handling. (California Health & Safety Code § 25249.5, et seq.)**

- 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.

### **Vibration Safety**

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 medical or physical symptoms related to vibration (such as tingling, numbness, and white or blue fingers), seek medical advice as soon as possible
- Do not smoke during use. Nicotine reduces the blood supply to the hands and fingers, increasing the risk of vibration-related injury.
- Use tools with the lowest vibration when there is a choice between different processes.
- Include vibration-free periods each day of work.
- Let the tool do the work.
- To reduce vibration, maintain the tool as explained in this manual. If any abnormal vibration occurs, stop use immediately.

### **SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE**



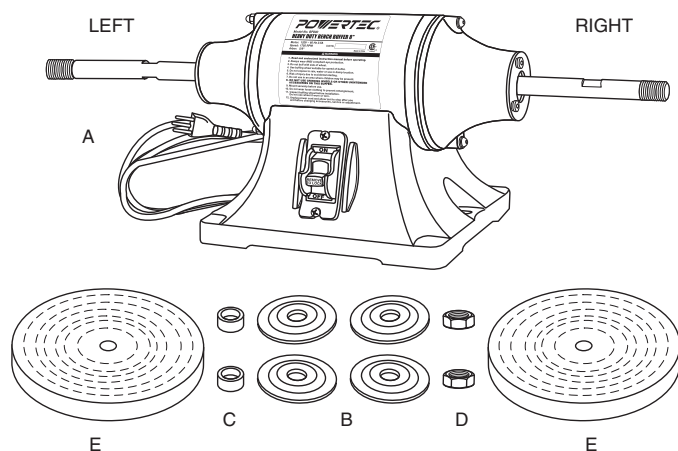
## UNPACKING

### Refer to Figure 1

- Check for shipping damage. Check immediately whether all parts and accessories are included. The bench buffer itself comes assembled as one unit. Additional parts (listed below) which need to be fastened to bench buffer, should be located and accounted for before assembling.
- The following items are included with your bench buffer:

| Item | Description                             | Qty. |
|------|---|------|
| A    | Buffer                                  | 1    |
| B    | Flanges                                 | 4    |
| C    | Spacers                                 | 2    |
| D    | Arbor Nuts (left M16LH and right M16RH) | 2    |
| E    | Buffer Wheels                           | 2    |

Figure 1



- Carefully remove the tool and any accessories from the box.
- Make sure that all items listed in the packing list are included.
- Inspect the tool carefully to make sure no breakage or damage occurred during shipping. Do not discard the packing material until you have carefully inspected and satisfactorily operated the tool.

### CAUTION

Do not attempt assembly if parts are missing. Call the Customer service line to obtain replacement parts.

### WARNING

Do not operate bench buffer, until completely assembled. Do not operate this tool until you have completely read and understood this manual.

### WARNING

To avoid injury, make sure all parts are assembled and adjusted properly before plugging the bench buffer into a power outlet and turning it ON.

## TOOLS NEEDED

You will need the following tools to assemble and adjust the machine. (The tools are not included.)

- 15/16 open end or adjustable wrench
- 1/2" wrench

## SET UP

### WARNING

Always place the ON/OFF switch in the OFF position and unplug the power cord from its power source before performing any assembly or adjustment. Failure to do so could result in accidental starting resulting in possible serious personal injury.

### WARNING

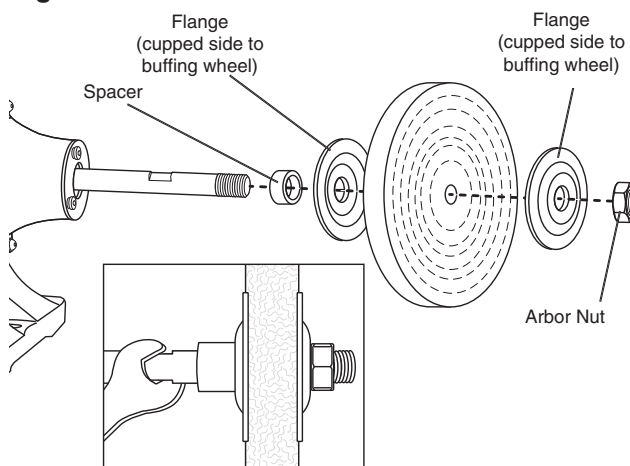
To prevent serious injury from accessory failure. Do not use grinding wheels or other unintended accessories with this bench buffer.

**NOTE:** "LEFT" and "RIGHT" are as seen from in front of the bench buffer, facing the switch.

## TO ASSEMBLE THE BUFFER WHEELS

1. Remove the packaging sleeves (if equipped) from the shafts.
2. Slide the spacer onto the shaft. **NOTE:** The spacers are not always needed, for example when using thicker wheels. The purpose of the spacers is to set the flanges and wheels away from the step in the shaft, allowing the arbor nuts to be threaded onto the shafts to secure the wheels in place.

Figure 2



3. Slide the inner flange onto the shaft with the cupped side facing the threaded end of the shaft. The cupped side will be against the buffing wheel when assembled.
4. Slide the buffing wheel onto the shaft and up against the inner flange.
5. Slide the outer flange onto the shaft and up against the buffing wheel. The cupped side should be facing towards the buffing wheel.

6. Thread the arbor nut onto the shaft to secure the buffing wheel in place. **NOTE:** The left hand arbor hex nut is left hand threaded and is installed by rotating it counterclockwise onto the threaded shaft. The right hand arbor hex nut is right hand threaded and is installed by rotating it clockwise onto the shaft.
7. Repeat the steps to assemble the second buffing wheel.

## PERMANENT MOUNTING

Refer to Figure 3

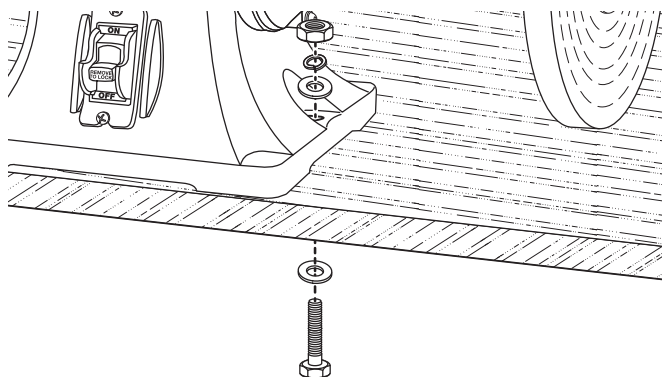
### 4 Mounting hardware or stand are sold separately

#### CAUTION

To avoid serious injury, the buffer **MUST** be permanently mounted to a work surface or temporarily clamped to a table, stand or board/plywood. If clamps are used, make sure the clamps do not interfere with the buffing wheels, the movement of the user or the material during use.

Use the mounting holes in the base of the machine to firmly attach the buffer to a solid work surface or stand. The two mounting holes are 7/16" in diameter and 7-3/4" apart.

Figure 3



## POWER SOURCE

#### WARNING

Do not connect to the power source until the machine is completely assembled.

The machine is wired for 120 volts, 60 HZ alternating current. Before connecting the machine to the power source, make sure the switch is in the "OFF" position. Running the unit on voltages which are not within range may cause overheating and motor burn-out. Heavy loads require that voltage at motor terminals be no less than the voltage specified on nameplate.

## GROUNDING INSTRUCTIONS

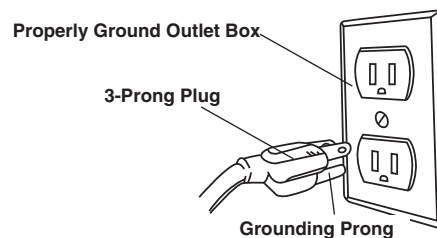
#### WARNING

Improper connection of equipment grounding conductor can result in the risk of electrical shock.

- The machine should be grounded while in use to protect operator from electrical shock.
- In the event of an electrical short circuit, grounding reduces the risk of electrical shock by providing an escape wire for the electric current.

- This machine is equipped with an approved 3-conductor cord rated at 120V and a 3-prong grounding type plug for your protection against shock hazards.
- Grounding plug should be plugged directly into a properly installed and grounded 3-prong grounding-type receptacle, as shown (Figure 4).

Figure 4



- The plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances.
- Check with a qualified electrician or service personnel if these instructions are not completely understood or if in doubt as to whether the tool is properly grounded.
- Do not modify plug provided. If it will not fit in outlet, have a proper outlet installed by a qualified electrician. Use only 3-wire extension cords, that have 3-prong grounding type plugs and matching 3-conductor receptacles that accept the machine's plug, as show in Figure 4.

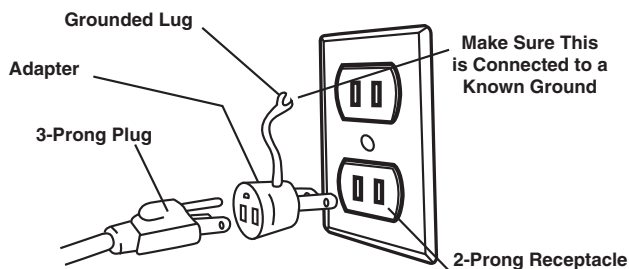
#### WARNING

Do not permit fingers to touch the terminals of plug when installing or removing from outlet.

Inspect tool cords periodically, and if damaged, have it repaired by an authorized service facility.

- The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the green (or green and yellow) wire to a live terminal.
- A temporary 3-prong to 2-prong grounding adapter may be used to connect this plug to a matching 2-conductor receptacle as shown in Figure 5. The temporary adapter should be used only until a properly grounded outlet can be installed by a qualified electrician.

Figure 5



In Canada, the use of temporary adapter is not permitted by the Canadian Electric Code. Where permitted, the rigid green tab or terminal on the side of the adapter must be securely connected to a permanent electrical ground such as a properly grounded water pipe, a properly grounded outlet box or a properly grounded wire system.



- Many cover plate screws, water pipes and outlet boxes are not properly grounded. To ensure proper grounding means that it must be tested by a qualified electrician.

## EXTENSION CORDS

Use proper extension cords. Make sure the extension cord is in good condition. Use only 3-wire extension cords that have 3-prong grounding type plugs and 3-pole receptacles which accept the tool plug. When using an extension cord, make sure to use one heavy enough to carry the current of the machine. An undersized cord will cause a drop in the voltage, resulting in loss of power and overheating. Use the table to determine the minimum wire size (A.W.G.) Extension cord.

## Extension Cord Length

Wire Size..... A.W.G.

Up to 25 ft..... 18 gauge

**NOTE:** Using extension cords over 25 ft. long is not recommended.

# OPERATION



5

The following section is designed to give instructions on the basic operations of this buffer.

## ON/OFF SWITCH

Refer to Figure 6

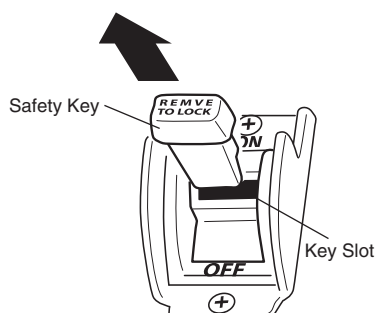
The buffer is equipped with a keyed switch to prevent unauthorized use.



Remove the safety key whenever the buffer is not in use. Place the safety key in a safe place and out of the reach of children.

1. To turn buffer ON, insert the safety key into the key slot in the center of the switch.
2. Push safety key firmly into the slot and then place the ON/OFF switch in the ON position to start the buffer.
3. To turn the buffer OFF, place the ON/OFF switch in the OFF position.
4. When the buffer comes to a complete stop gently pull the safety key forward and out. Place the key in a safe place out of the reach of children.

Figure 6



## BASIC OPERATION

Refer to Figure 7-8



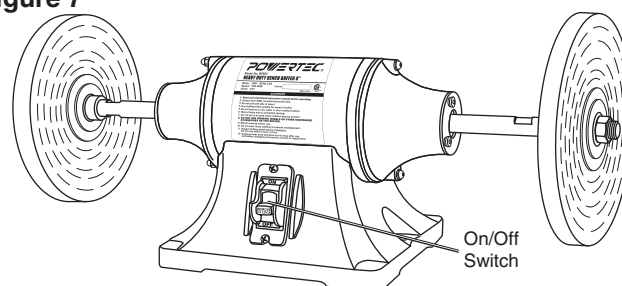
To avoid kickback and other hazards, never buff on the sides, top or rear of the cotton buffing wheels.



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.

5. Stand to the side of the buffer, make sure the ON/OFF switch is in the OFF position and plug in the tool.
6. Remain standing to the side of the buffer and place the ON/OFF switch in the ON position to turn on the unit.

Figure 7

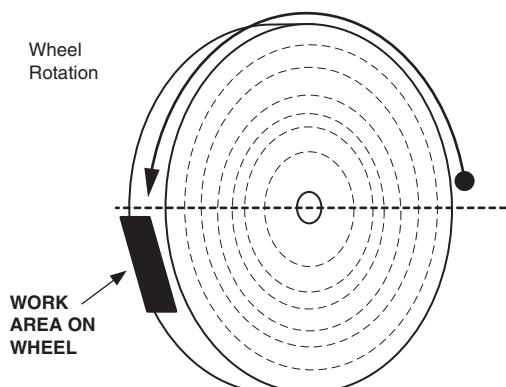


7. Allow the buffing wheels to come up to a steady speed and run for at least one minute before any buffing. **NOTE:** If needed, apply buffing compound to the rim of the rotating buffer wheel. DO NOT jam or force the compound bar into the buffer wheel, cover the buffer wheel rim completely with the compound material. Buffing compound is not needed for the final polishing, use a clean cotton buffing wheel for the final polishing.
8. Using two hands, firmly hold the workpiece and gently move it into contact with the buffing wheel. Move the workpiece back and forth across the lower front surface of the wheel to buff the workpiece to the desired finish.

**NOTE:** The correct pressure must be applied to the workpiece to provide the best finish. Too little pressure will result in no significant change in the workpiece. Too much pressure may slow down the action of the buffing wheel and cause uneven marks on the workpiece and overheat the motor.

Figure 8

View is from the Right Side



5



5



## OPERATION

9. Every few minutes, check the condition and wear of the buffing wheels and buffing compound coating.
  - If the wheel is worn or damaged, remove and replace immediately.
  - If the rim surface is glazed over from material residue or new/different grade (color) of compound is needed, use a buffing rake to remove the old compound from the wheel.
10. When buffing is finished, remove the workpiece from the buffing wheel before turning bench buffer OFF.
11. After completing the buffing and polishing operations, turn the buffer OFF. **NOTE:** It will take a few minutes for the buffing wheels to come to a complete stop. **NEVER STOP THE BUFFER BY FORCING MATERIAL INTO THE WHEEL.** Let the buffer stop rotating on its own.
12. Unplug the buffer from the power source. **IMPORTANT:** To prevent unauthorized use of the machine, the power switch has a removable locking key. With the power switch in the OFF position, pull the locking key out. The Buffer can not be turned ON with the key removed.
13. To resume buffing, insert the locking key into the ON/OFF switch.

### **WARNING**

**Always place the ON/OFF switch in the OFF position and unplug the power cord from its power source before performing any assembly or adjustment.** Failure to do so could result in accidental starting resulting in possible serious personal injury.



## MAINTENANCE

### GENERAL MAINTENANCE

#### **WARNING**

Repairs to the bench buffer should be performed by trained personnel only. Unauthorized repairs or replacement with non-factory parts could cause serious injury to the operator and damage to the bench buffer.

#### **WARNING**

If the supply cord of this power tool is damaged, have it replaced by a qualified service technician.

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 electrical wiring, and
- any other condition that may affect its safe operation

### CLEANING

After each use, wipe external surfaces of the tool with a clean cloth.

Hand wash the buffing wheels using mild detergents, air dry. If a buffing wheel has become too hard, use a stiff wire brush (not included) to fluff it up.

Do not immerse any part of the tool in liquid.

#### **WARNING**

Periodically blow dirt and dust out of all air vents with clean, dry air. To minimize the risk of eye injury, always wear ANSI approved eye protection and NIOSH approve breathing protection when performing this.



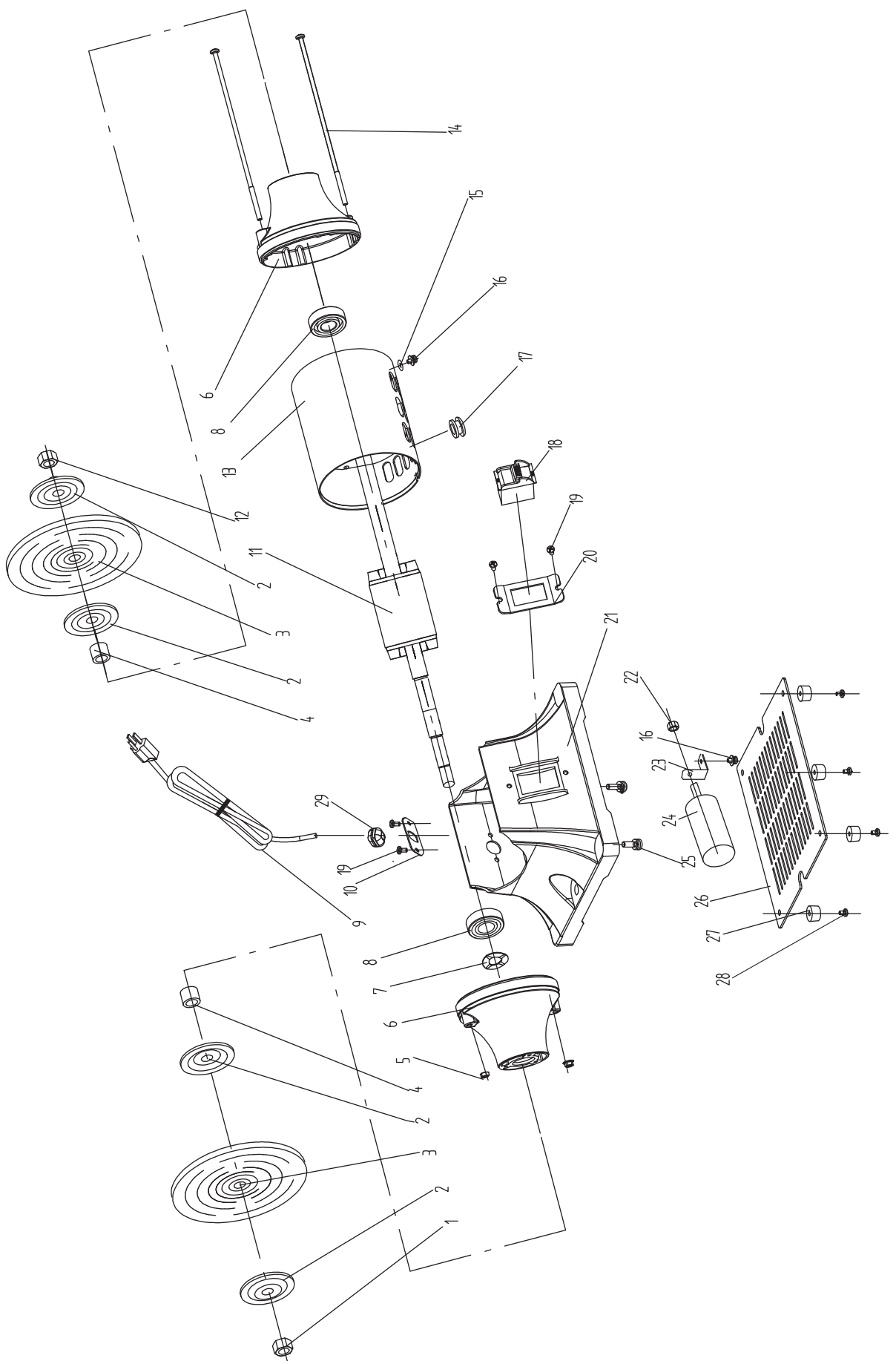
# TROUBLESHOOTING



| SYMPTOM                              | POSSIBLE CAUSE(S)   | CORRECTIVE ACTION   |
|--------------------------------------|---|---|
| Motor does not run.                  | <ol style="list-style-type: none"> <li>1. Machine not plugged in.</li> <li>2. Power switch in OFF position.</li> <li>3. Power cord is faulty.</li> <li>4. Fuses or circuit breaker is open.</li> </ol>  | <ol style="list-style-type: none"> <li>1. Plug power cord into electrical receptacle.</li> <li>2. Place ON/OFF switch to ON position.</li> <li>3. Replace power cord.</li> <li>4. Overloaded electrical circuit.</li> </ol>                                     |
| Motor stalls or runs slow.           | Undersized or excessive length of extension cord.   | Use correct size.   |
| Decreased performance                | Accessory is dull or damaged  | Replace accessory, always use sharp accessories.  |
| Motor runs hot                       | <ol style="list-style-type: none"> <li>1. Motor is overloaded.</li> <li>2. Poor air circulation around motor.</li> <li>3. Accessory is dull or damaged</li> <li>4. Undersized or excessive length of extension cord.</li> </ol>   | <ol style="list-style-type: none"> <li>1. Reduce pressure on workpiece.</li> <li>2. Remove any blockage around motor.</li> <li>3. Replace accessory, always use sharp accessories.</li> <li>4. Use correct size.</li> </ol>                                     |
| Fuse blows or circuit breaker trips. | <ol style="list-style-type: none"> <li>1. Motor is overloaded.</li> <li>2. Overloaded electrical circuit breaker.</li> <li>3. Wrong fuse or circuit breaker</li> <li>4. Defective cord, plug or switch creating a short circuit.</li> <li>5. Undersized or excessive length of extension cord.</li> </ol> | <ol style="list-style-type: none"> <li>1. Reduce pressure on workpiece.</li> <li>2. Reduce the amount of items on circuit</li> <li>3. Replace with correct fuse or circuit breaker.</li> <li>4. Replace with new parts</li> <li>5. Use correct size.</li> </ol> |



# 8" HEAVY DUTY BENCH BUFFER PARTS ILLUSTRATION



# 8" HEAVY DUTY BENCH BUFFER PARTS LIST



9

PARTS LIST

| Key# | Part#    | Description                                | Spec.                                      | Qty | Key# | Part#    | Description  | Spec. | Qty |
|------|----------|--|--|-----|------|----------|--|-------|-----|
| 1    | BF800001 | Type I hex nut (left)                      | M16 LH                                     | 1   | 16   | BF800016 | Philips pan screw and spring washer and flat washer assembly | M4x8  | 2   |
| 2    | BF800002 | Flange                                     |  | 4   |      |          |  |       |     |
| 3    | BF800003 | Spiral sewn cotton buffing wheel           | 8" diameter x 1/2" width, with a 5/8" bore | 2   | 17   | BF800017 | Cord bushing   |       | 1   |
| 4    | BF800004 | Spacer                                     |  | 2   | 18   | BF800018 | Switch   |       | 1   |
| 5    | BF800005 | Hex flange nut                             | M5   | 2   | 19   | BF800019 | Philips screw  | M5x8  | 4   |
| 6    | BF800006 | End cap                                    |  | 2   | 20   | BF800020 | Switch plate   |       | 1   |
| 7    | BF800007 | Wave washer                                | D40  | 1   | 21   | BF800021 | base   |       | 1   |
| 8    | BF800008 | Bearing                                    | 6203                                       | 2   | 22   | BF800022 | Hex nut, I type  | M8    | 1   |
| 9    | BF800009 | Power cord                                 |  | 1   | 23   | BF800023 | Capacitor support  |       | 1   |
| 10   | BF800010 | Clip plate                                 |  | 1   | 24   | BF800024 | Capacitor  |       | 1   |
| 11   | BF800011 | Rotor                                      |  | 1   | 25   | BF800025 | Philips pan screw and spring washer assembly                 | M6x20 | 2   |
| 12   | BF800012 | Type I hex nut (right)                     | M16 RH                                     | 1   |      |          |  |       |     |
| 13   | BF800013 | Stator                                     |  | 1   | 26   | BF800026 | Base plate   |       | 1   |
| 14   | BF800014 | Philips pan screw and flat washer assembly | M5x200                                     | 2   | 27   | BF800027 | Rubber foot  |       | 4   |
| 15   | BF800015 | Outer locking washer                       | D4   | 1   | 28   | BF800028 | Philips pan screw and flat washer assembly                   | M4x12 | 4   |
|      |          |  |  |     | 29   | BF800029 | Cord clip  |       | 1   |



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## WARRANTY

Thank you for investing in a **POWERTEC** power tool. This product has been designed and manufactured to meet high quality standards and is guaranteed for domestic use against defects in workmanship or material for a period of 12 months from the date of purchase. This guarantee does not affect your statutory rights.

### **SOUTHERN TECHNOLOGIES LLC. BENCH TOP AND STATIONARY POWER TOOL LIMITED 1 YEAR WARRANTY AND 30-DAY SATISFACTION GUARANTEE POLICY**

**POWERTEC** products are designed and manufactured by **Southern Technologies LLC**. All warranty communications should be directed to **Southern Technologies LLC** by calling 847-780-6120, 9 AM to 5 PM, Monday through Friday, US Central Time.

#### **30- DAY SATISFACTION GUARANTEE POLICY**

During the first 30 days after the date of purchase, if you are dissatisfied with the performance of this **POWERTEC** tool for any reason, you may return the tool to the retailer from which it was purchased for a full refund or exchange. You must present proof of purchase and return all original equipment packaged with the original product. The replacement tool will be covered by the limited warranty for the balance of the one year warranty period.

#### **LIMITED ONE YEAR WARRANTY**

This warranty covers all defects in workmanship or materials in this **POWERTEC** tool for a one year period from the date of purchase. This warranty is specific to this tool. **Southern Technologies, LLC** reserves the right to repair or replace the defective tool, at its discretion.

#### **HOW TO OBTAIN SERVICE**

To obtain service for this **POWERTEC** tool you must return it, freight prepaid, to **POWERTEC**. You may call 847-780-6120 for more information. When requesting warranty service, you must present the proof of purchase documentation, which includes a date of purchase. **POWERTEC** will either repair or replace any defective part, at our option at no cost to you. The repaired or replacement unit will be covered by the same limited warranty for the remainder of the one year warranty period.

#### **WHAT IS NOT COVERED**

This warranty applies to the original purchaser at retail and may not be transferred.

This warranty does not cover consumable items such as saw blades, knives, belts, discs, cooling blocks and sleeves. This warranty does not cover required service and part replacement resulting from normal wear and tear, including accessory wear.

This warranty does not cover any malfunction, failure or defect resulting from:

- 1) misuse, abuse, neglect and mishandling not in accordance with the owner's manual.
- 2) damage due to accidents, natural disasters, power outage, or power overload.
- 3) commercial or rental use.
- 4) alteration, modification or repair performed by persons not recommended by **POWERTEC**.

#### **DISCLAIMER**

To the extent permitted by applicable law, all implied warranties, including warranties of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, are disclaimed. Any implied warranties, that cannot be disclaimed under state law are limited to one year from the date of purchase. **Southern Technologies LLC**. is not responsible for direct, indirect, incidental or consequential damages. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Southern Technologies LLC., makes no warranties, representations, or promises as to the quality or performance of its power tools other than those specifically stated in this warranty.

## NOTE

## NOTE



## NOTE



Southern Technologies, LLC  
Waukegan, IL 60087