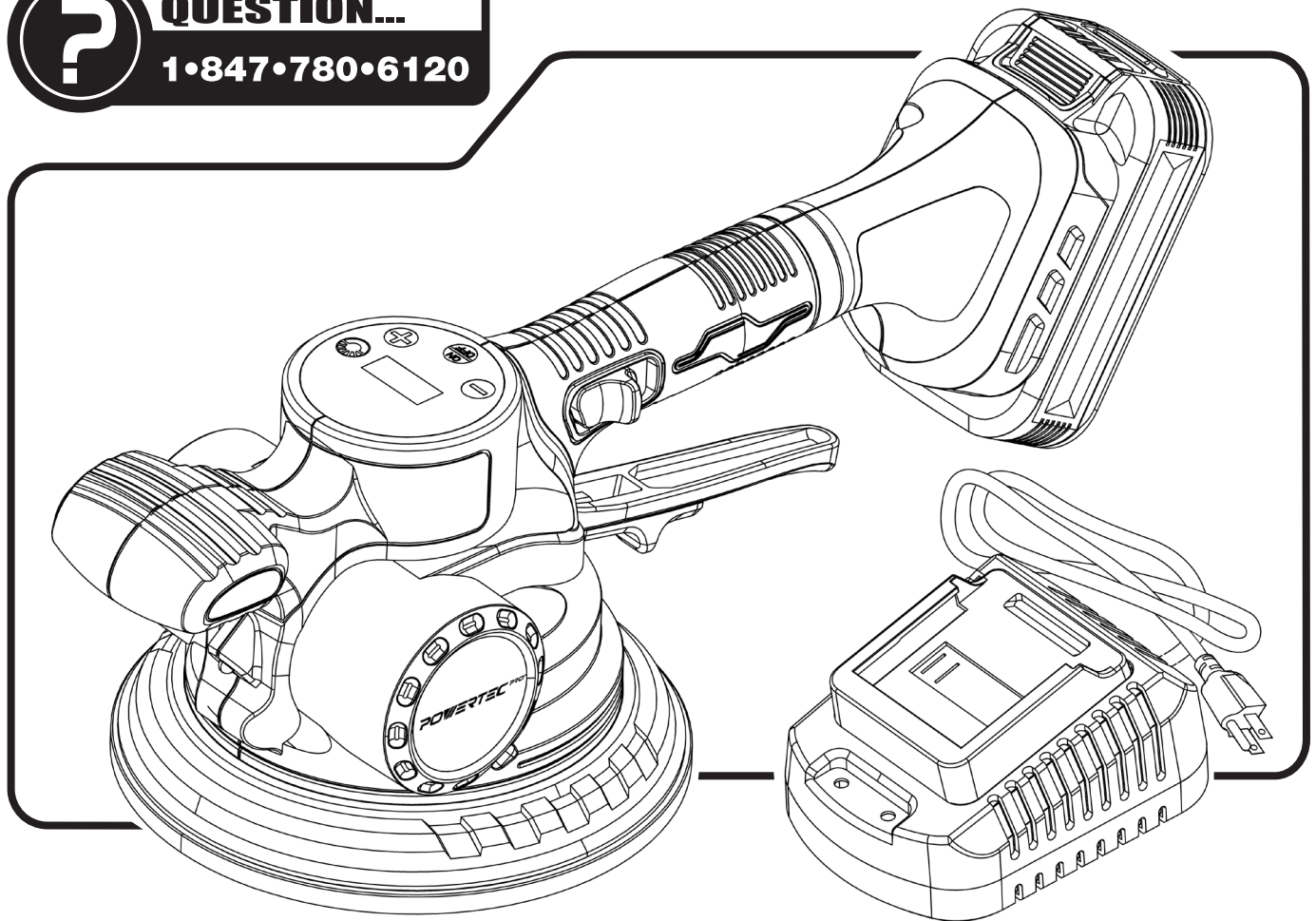


Owner's Manual

POWERTEC PRO™

Vibration Tile Leveling Tool Cordless



Visit us on the web at www.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

Battery Type:Li-ion

Battery Voltage:18V

Battery Capacity: 2 Ah

Max. Lifting Capacity:132 lbs

Suction Cup Diameter: 6.7"

Vibration Speed: 3500-7500 rpm

Speed Adjustment:6 Step (Touch Control)

Max. Working Time:..... up to 40 minutes run time

Motor Type: DC Motor

Weight (with Battery): 4.63 lbs

**! WARNING**

For your own safety read and understand the operator's manual before using this product.

Save all warnings and instructions for future reference. The term "power tool" in these warnings refers to the main power tool (corded) or battery-operated (cordless).

WORK AREA SAFETY

- Keep children and visitors at a safe distance from work area.
- Keep work area clean. Cluttered work areas invite accidents. Work area should be properly lit.
- Do not use power tools in dangerous environments. Do not use power tools in damp or wet locations. Do not expose power tools to rain.
- Keep children and bystanders away while operating a power tool. Distractions may cause you to lose control. Visitors should wear the same safety equipment as the operator.

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 outlet will reduce risk of electrical shock.
- Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electrical shock if users 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 electrical 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 electrical shock.
- When operating a power tool outdoor, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces risk of electrical shock.
- 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 electrical shock.

PERSONAL SAFETY**! WARNING**

Risk of serious personal injury. Stay alert, pay attention and use common sense when operating a power tool. Do not use a power tool while 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 ANSI Z87.1 approved eye protection. Using protective equipment such as dust mask, nonskid safety shoes, hard hat, or hearing protection when appropriate will reduce risk of personal injuries.
- Prevent unintentional starting. Ensure switch is in off position before connecting to power source and/or battery pack, picking up or carrying the tool.
- Never carry a power tool with a finger on the switch or power up any tool while the switch is in on position.
- 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 jewelry. Keep hair, clothing, and gloves away from moving parts.
- Do not use power tools on a ladder or unstable support. Stable footing on a solid surface enables better control of the power tool in unexpected situations.

! CAUTION

Always follow proper operating procedures as defined in this manual even if you are familiar with use of this Power Tool or any tool used with this Power Tool. Remember that being careless for even a fraction of a second can result in severe personal injury.

You must be familiar with the use of any tool or accessory used with this Power Tool. The supplier cannot be held responsible for any accident, injury or damage incurred while using this Power Tool with any tool.

! WARNING

Do not modify this Power Tool and/or use it for any application other than that for which it was designed.

POWER TOOL USE AND CARE

- Don't 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.
- Don't use the power tool if the switch doesn't 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 don't allow persons unfamiliar with power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

! WARNING

To avoid serious injury, turn off and unplug any equipment before attaching or changing accessories or making adjustments.

! CAUTION

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

! WARNING

Do not use the Power Tool until it is completely assembled and you have read and understood this entire operating manual before using this Power Tool.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE



SPECIFIC SAFETY RULES

WARNING

Risk of Injury. 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.

WARNING

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

- Keep hands out of path of Tile Vibration Tool.
- Do not operate Tile Vibration Tool in wet conditions.
- Always secure all moving parts before carrying the tool.
- Use the right tool for the job. Do not force the tool to do a job for which it was not designed.
- Don't overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When the battery pack is not in use, keep it away from metals such as paper clips, coins, keys, nails, screws as well as liquids.
- Disengage battery from tool and fully charge the battery before placing into storage for extended periods.
- Store and charge batteries in a cool, dry location. Avoid exposing batteries to liquids, oils, or extreme temperatures.
- Do not use batteries with visible damage or cracks.
- Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or high temperatures may cause an explosion.
- Stop using a battery as soon as you feel a substantial decrease in power from the tool. Completely running down a battery may damage it.
- Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.
- When maintaining or cleaning the charger or batteries, be sure to unplug the charger from the socket to reduce the risk of electric shock. Only use a soft dry cloth to clean the battery and charger. Do NOT use solvents.

WARNING

Fire hazard risk. If your battery reaches the end of its life, DO NOT throw it away. Take it to a recycling center, or place it in a receptacle designed for recycling batteries.

Transporting batteries can possibly cause fires if the battery terminals inadvertently come in contact with conductive materials such as keys, coins, hand tools and the like. Before transporting individual batteries, make sure that the battery terminals are properly protected from short circuits. For more information go to <https://www.transportation.gov/>

WARNING

Risk of serious personal injury. If any parts are missing, do not operate this tool until missing parts are replaced. Failure to do so could result in serious personal injury.

WARNING

The machine is designed to be operated by one person. The prerequisites for operating the machine are physical and mental fitness as well as knowledge and understanding of the operating instructions. Persons who, due to their physical, sensory or mental capabilities, inexperience or lack of knowledge, are unable to operate the machine safely must not use the machine without supervision or instruction by a responsible person.

WARNING

Do not carry more than tile vibration limit weight, carrying more than limit weight may damage the Tool or increase risk of personal injury.

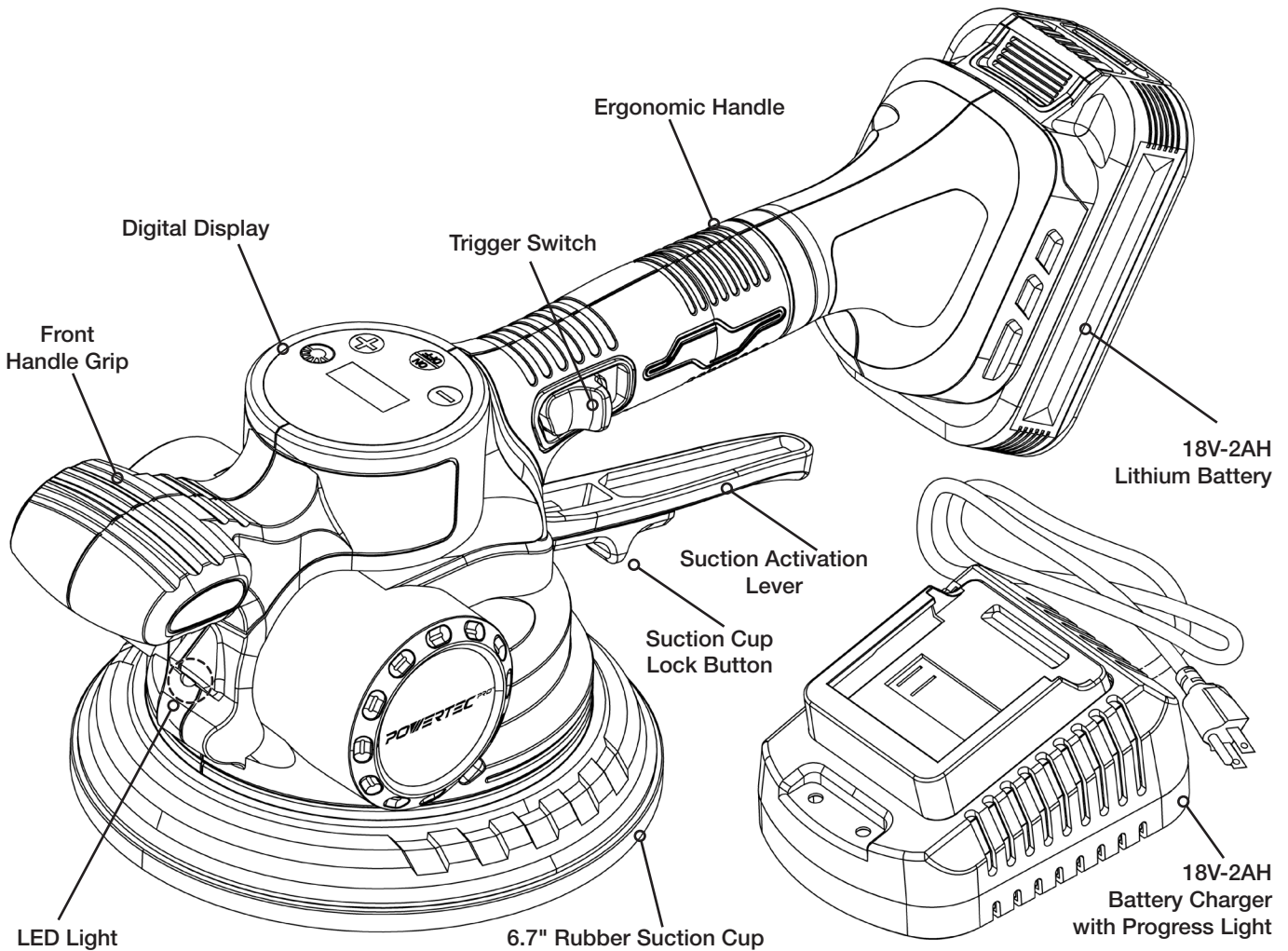
- Do not charge a damaged battery pack.
- **In order to charge the battery pack properly:**
Do not charge it in an environment below 32° F (0° C) or above 113° F (45° C).
- Do not use a charger with a damaged power cord, or if the power cord is damaged.

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



Figure 1

TILE VIBRATION TOOL ARRIVES FULLY ASSEMBLED



TLV1801 FEATURES



TLV1801 FEATURES AND FUNCTIONS

Before using the Tile Vibration Tool, become familiar with all the operating features and safety rules.

The Tile Vibration Tool is designed to save time and effort by quickly and easily leveling tiles for floors and walls by eliminating the need for manual mallet leveling.



Suction Cup Pad equipped with large 6.7" rubber suction cup provides a maximum lifting capacity up to 132 lbs.



Digital Display features a 6 speed one-touch operation for seamless adjustment of vibration speed based on tile size, weight and thickness.



LED Light saves battery life. Click twice to turn LED light on or off.



The Cordless Design of this Tile Vibration Tool offers 18V-2AH Lithium Battery providing up to 40 minutes working time. Battery Charger includes a charging progress light.



Quick Lock/Unlock: Keep the suction cup in a locked state without constantly squeezing the handle preventing hands from becoming fatigued during vibration.



Uniform Vibration: Weighted and calibrated for optimal and consistent vibration.

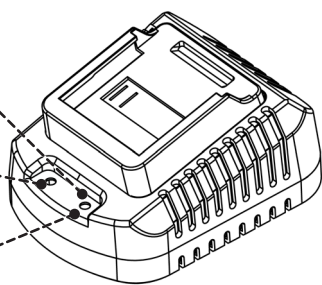




BATTERY OPERATION AND USE

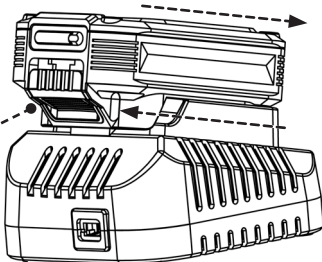
1. Use original battery pack for best performance and safe compatibility with Tile Vibration Tool and Charger. Green Light illuminates when plugged into power source.
2. Red Light illuminates while Battery is charging.
3. When Battery is fully charged, Red Light will be off and the Green Light is illuminated.

Figure 2



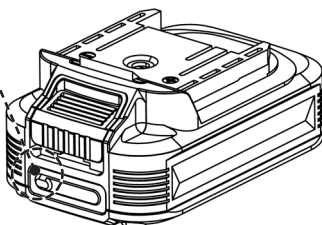
4. To charge Battery, plug charger into power source.
5. With Battery upside down, slide Battery onto charger.
6. When the Battery is fully charged, press tab while holding on to battery, then pull back to remove Battery from charger.

Figure 3



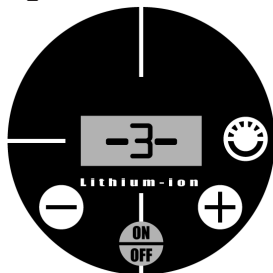
7. Press the button to show battery's remaining charge.
8. A full bar indicates a complete charge.
9. Insert battery and place Tile Vibration Tool onto tile, material surface, or compatible vibration plate.
10. Begin vibration leveling process.

Figure 4



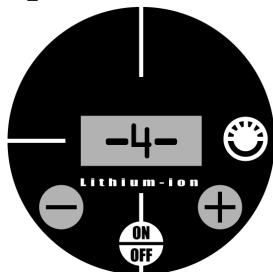
DIGITAL DISPLAY OPERATION

Figure 5



1. To turn the Digital Display on or off press and hold the center **ON/OFF** icon for one second.
2. Display will activate.
3. -3-, Medium Speed, will display and begin the vibration process.

Figure 6



4. To change the Speed of Vibration Frequency push the **(+)** button for higher speed/frequency, and **(-)** button for lower speed/frequency.
5. Display example shown, -4- Speed, Medium.

Figure 7



6. During operation, note the Battery Capacity to gauge battery strength. Charge battery when needed.
7. Display example shown when fully charged (99%).

6 VIBRATION SPEEDS

- Speed -1-: Low (3500 rpm)
- Speed -2-: Low (4300 rpm)
- Speed -3-: Medium (5100 rpm)
- Speed -4-: Medium (5900 rpm)
- Speed -5-: High (6700 rpm)
- Speed -6-: High (7500 rpm)

SUITABLE MATERIALS

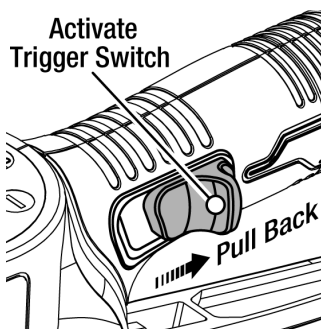
- Granite (smooth surface)
- Marble
- Glass (smooth surface)
- Ceramic Tile

OPERATE TRIGGER SWITCH

⚠ WARNING

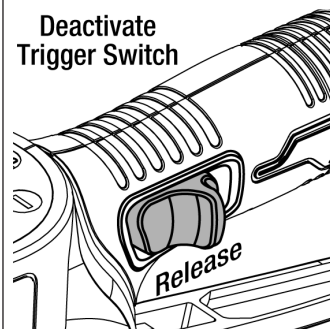
Risk of unintentional start up. To reduce the risk of injury, release the spring loaded Trigger Switch to return Switch to OFF position before attaching or removing battery, or making adjustments.

Figure 8



Activate Trigger Switch:
Place thumb on Trigger Switch and pull back. Switch remains on as long as it is being held in the ON position.

Figure 9



Deactivate Trigger Switch:
Release Trigger Switch. Switch is now in the OFF position. The spring-action mechanism ensures Switch returns to default OFF state.

INSPECT SUCTION CUP

Examine and test the Suction Cup rubber pad regularly to make sure it does not exhibit the following faults:

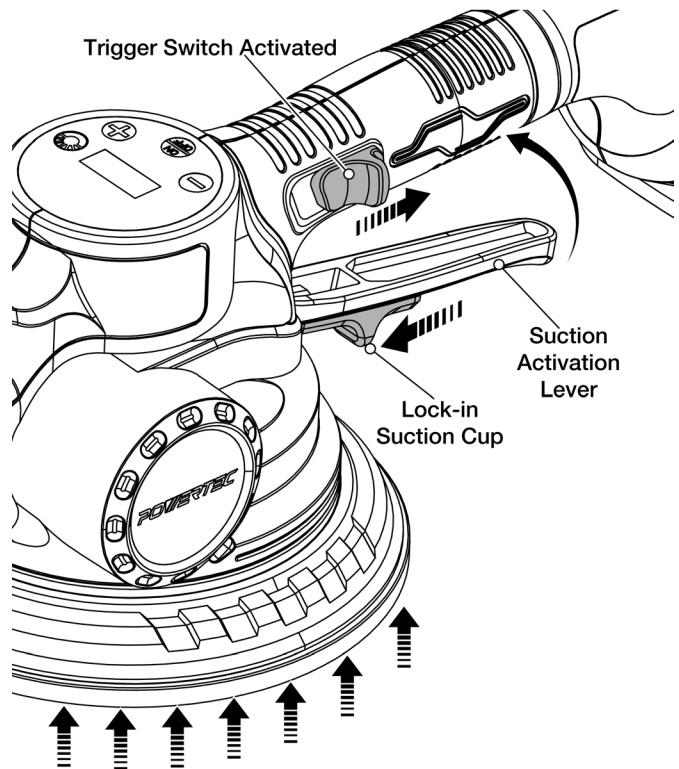
- Cuts or damage to sealing edges of rubber pad.
- Cracks or dents in handle or anywhere on the tool.
- Excessive glaze or stiffness of rubber pad.

Correct any faults before using the Tile Leveling Tool.

ACTIVATE SUCTION CUP

1. Ensure Suction Cup surface and material surface are clean and free of dust.
2. Place Tile Vibration Tool onto the tile or material surface.
3. While holding the handle, grip the Suction Activation Lever and pull up to activate suction.
4. On the Suction Lever push Lock Button forward to lock-in position. Use both handles when lifting and positioning tile.
5. Once tile has been placed, deactivate suction, pull back on the Lock Button to release the Suction Activation Lever.

Figure 10



MAINTENANCE



STORAGE

- Store the Tile Vibration Tool in a clean, dry condition within its protective carrying case.
- Always turn Switch to OFF position and remove power source before storing or attempting any maintenance.

⚠ WARNING

Risk of serious personal injury. Failure to observe **WARNINGS** could damage the Suction Cup rubber pad or the load, or cause injury to the user.

- Do not use the Tile Leveling Tool to lift loads that exceed the Maximum Lifting Capacity or the effective capacity.
- Do not use the Tile Leveling Tool to support a person.
- Do not place the Tile Leveling Tool face against surfaces which could damage the sealing edges.
- Avoid conditions that could cause the Suction Cup to slip or to disengage prematurely, such as: contaminants, cuts or scratches in the rubber pad's face or contact surface; applying the Suction Cup to porous materials; or applying pressure against the Suction Cup's edge.

- Do not release the Suction Activation Handle while lifting. Ensure Suction Handle is locked when lifting.
- Do not use harsh chemicals (such as solvents or gasoline) or unauthorized rubber cleaners and conditioners to clean the rubber pad service.

GENERAL MAINTENANCE

⚠ WARNING

When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause damage to the Tile Vibration Tool.

⚠ WARNING

Keep the Tile Vibration Tool dry, clean, and free from oil and grease. Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum based products or any strong solvent to clean the Tile Vibration Tool. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

TROUBLESHOOTING



Follow all safety precautions when servicing Tool

SYMPTOM	POSSIBLE CAUSE(S)	CORRECTIVE ACTION
Tool will not start	1. Battery not installed	Install the battery
	2. Battery not fully charged	Charge the battery
	3. Motor defect	Contact the Service Center
	4. Trigger Switch defect	Contact the Service Center
Suction Cup not making a good surface contact	1. Dirt/dust on the suction cup or material surface	Clean the pad and/or the material surface
	2. Suction Cup Lock defect	Contact the Service Center
	3. Suction Cup rubber pad is damaged	Contact the Service Center



WARRANTY

Thank you for investing in a **POWERTEC^{PRO}**™ 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

1 **POWERTEC^{PRO}** products are designed and manufactured by **Southern Technologies LLC**. All warranty communications should be directed to **Southern Technologies LLC** by calling 847-780-6120 (toll free), 9 AM to 5 PM, Monday through Friday, US Pacific 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^{PRO}** 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^{PRO}** 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^{PRO}** tool you must return it, freight prepaid, to **POWERTEC^{PRO}**. You may call (toll free) 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^{PRO}** will either repair or replace any defective part, at our option at no charge to you. The repaired or replacement unit will be covered by the same limited warranty for the balance of one year warranty period.

WHAT IS NOT COVERED

This warranty applies to the original purchaser at retailer 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^{PRO}**.

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.

POWERTEC^{PRO}™

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