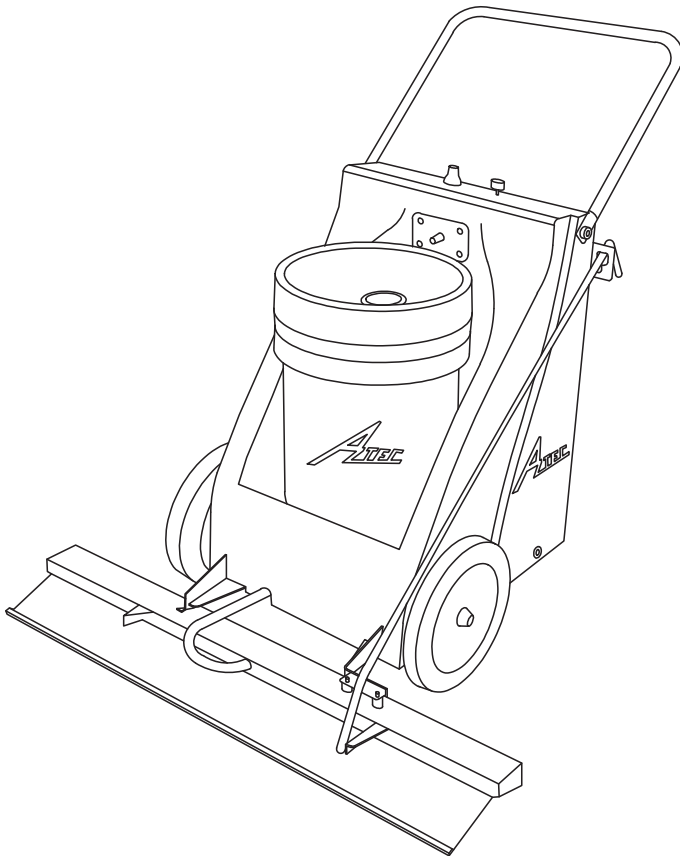


OWNER'S MANUAL

Grand Finale



WARNING READ THESE INSTRUCTIONS BEFORE USING



201 COMMERCE DRIVE • MONTGOMERYVILLE, PA 18936
215-393-4700 • 800-331-1423 • FAX 215-393-4800

GROUNDING INSTRUCTIONS



WARNING

THIS PRODUCT MUST BE GROUNDED WHILE IN USE TO PROTECT THE OPERATOR FROM ELECTRICAL SHOCK.

*This product is equipped with a power cord that has a grounding conductor and a grounding plug. The plug **MUST** be plugged into a matching electrical receptacle that is properly installed and grounded in accordance with **ALL** local codes and ordinances.*



DANGER

DO NOT MODIFY THE PLUG PROVIDED. USE ONLY A 3-WIRE EXTENSION CORD THAT HAS A 3-PRONG GROUNDING PLUG AND A 3-POLE RECEPTACLE THAT ACCEPTS THE POWER SUPPLY CORD'S PLUG. REPLACE A DAMAGED OR WORN CORD IMMEDIATELY.

Improper electrical connection of the equipment-grounding conductor can result in risk of electrical shock. The conductor with green insulation (with or without yellow stripes) is the equipment grounding conductor.

Check with a qualified electrician or service personnel if you do not completely understand the grounding instructions, or if you are not sure the equipment is properly grounded.

*This product is intended for use on a circuit that has an electrical receptacle with a grounding conductor as shown in Figure 1. If a properly grounded electrical receptacle is not available, an adapter (see Figure 2) can be used to temporarily connect this plug to a 2-contact ungrounded receptacle. The adapter has a rigid lug extending from it that **MUST** be connected to a permanent earth ground, such as a properly grounded receptacle box. **THIS ADAPTER IS PROHIBITED IN CANADA.***

RECEIVING THE EQUIPMENT

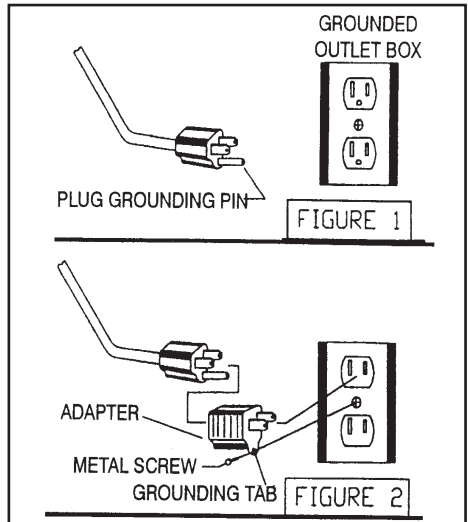
When unpacking, inspect the large shipping carton. It should contain the following items:

- 1 Applicator base unit
- 1 Lift handle assembly
- 1 Empty pail
- 1 Suction hose assembly
- 1 Battery pack
- 1 Small parts package (lift handle, lift pins, distribution tube end caps and paper clips)
- 1 Power cord

Inspect the small shipping carton. It should contain a cleaning tray, a head assembly, an applicator pad, and a head cover.

ASSEMBLY

1. Attach the head assembly and the pad holder to the front of the Grand Finale.
2. Insert the lift handle through the lift handle guide and over the transport bracket, then attach the lift handle to the head assembly. Secure the lift handle to the head assembly with pin.
3. Connect feed hose to head assembly and suction line to front panel.



4. Open the Grand Finale body by removing the two screws in the bucket shelf. Hook up the battery according to instructions on the base floor.
5. After performing steps 7 and 8 below, place solution or finish container on Grand Finale and insert the suction hose into container.

PREPARING FOR OPERATION

Note: Always pre-sweep or dust mop floor. Debris in pad can cause streaks.

6. Make sure battery is fully charged. If not, connect the power cord to the receptacle on the back of the body. Connect to a power source and charge battery until "Charged" light is lit. Remove power cord when battery is fully charged.
7. Pour about one quart of finish or coating solution into the Grand Finale bucket and saturate pad in solution.
8. Wring out pad and lay flat on floor, back side up.
9. Pull back on lift handle to raise head assembly and pad holder. Lower pad holder onto saturated pad.



IMPORTANT

Always check the distribution tube to make sure all holes are open.

OPERATION

10. Turn control switch to PRIME/CLEAN and hold in that position until finish/solution sprays from head assembly. Release to return switch to OFF position, then move switch to RUN.
11. Turn flow control to desired setting. Higher viscosity fluids will require a numerically higher setting.
12. Pull Grand Finale backwards about 20 feet and check coverage.
13. Adjust flow control to get coverage desired.

OPERATING TIPS

1. Turn flow control switch to zero, 10 feet before finishing an area to minimize dripping.
2. If floors are thoroughly stripped or have not been coated before, walk slow and increase flow for the first coat. This will eliminate streaking.
3. Not all finishes are the same. It may be necessary to try different settings or walking speeds for optimal results.
4. Walk at a comfortable speed. Do not walk faster than the applicator can evenly spread the finish.
5. Turn flow control switch to zero before making the turn at end of each pass to prevent over saturation of pad. Turn control switch back to desired flow setting after making each turn.
6. Push Grand Finale straight forward toward corner after making turn.
7. Pull straight back until pad is past wet edge.
8. Swing Grand Finale outside wet edge and push forward.
9. Continue parallel to first pass overlapping first pass 4".
10. Continue process until entire floor is covered, leaving an exit path. Shut off solution supply 10 feet before finish to minimize dripping.

SETTINGS FOR 36" GRAND FINALE

Surface Type	Flow Setting
Floor Finish/Sealer on VCT	1 1/2 - 2 1/2
Concrete/Gym Coating	3-8



WARNING

Always remember to turn the control switch to RUN when resuming normal operation.

When applying finish to large areas, the finish may dry before the next pass is made. Finish smaller sections at a time so you can always keep a wet edge to overlay.

CLEANING AND STORAGE



IMPORTANT

1. After completing last pass, retract head assembly and lock lift handle in transport position.
2. Place head cover over head assembly, pad holder and pad. Close Velcro as far as possible. This will minimize dripping and prevent drying of pad.
3. If Grand Finale will be used within a short period of time, the head cover may be placed over head and pad holder to keep solution on surfaces from drying.



IMPORTANT

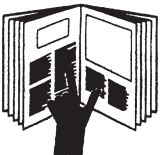
4. If solvent based coatings are used, the Grand Finale must be flushed with mineral spirits before Step 1. Failure to clean the Grand Finale as directed will void the warranty.
5. Remove suction hose from wax/coating container and remove container. Cap unused wax/coating. Place the Grand Finale cleaning bucket containing two quarts of water on the Grand Finale.
6. Disconnect suction hose and rinse in water. Reconnect hose to Grand Finale and place in water.
7. Remove the finish pad from the pad holder and place in head cover.

8. Rinse out pad and head cover. Set pad and cover aside to dry. Note: Pad can be machine washed.
9. Retract head assembly to cleaning position and lock lift handle in place.
10. Place cleaning tray in front of Grand Finale and position head over tray.
11. Turn Control knob to PRIME/CLEAN and allow cleaning water to flow through the head manifold for about 15 seconds or until manifold is clean.
12. Disconnect suction hose and turn control switch to PRIME/CLEAN to purge remaining water from Grand Finale.
13. Open paper clip and use tip to clear solution from groove in distribution tube.
14. Push end of paper clip through any plugged holes to clear holes.
15. After cleaning head, dump water from cleaning tray.
16. Disconnect lift handle from the head, store handle in the transport notch position and resting in the transport bracket.
17. Disconnect feed hose and remove head assembly, rinse off and store with pad in head cover.
18. Dump water from cleaning bucket. Store suction hose in cleaning bucket.
19. **DO NOT ALLOW THE UNIT TO FREEZE!**



WARNING

Disconnect power before working
Electric shock may occur



WARNING

A person who has not read and does not understand all operating instructions is not qualified to operate this tool.

Failure to read and understand safety instructions may result in injury or death.

SAVE THESE INSTRUCTIONS!

Failure to clean the Grand Finale as directed will void the warranty.

BATTERY CHARGING INFORMATION



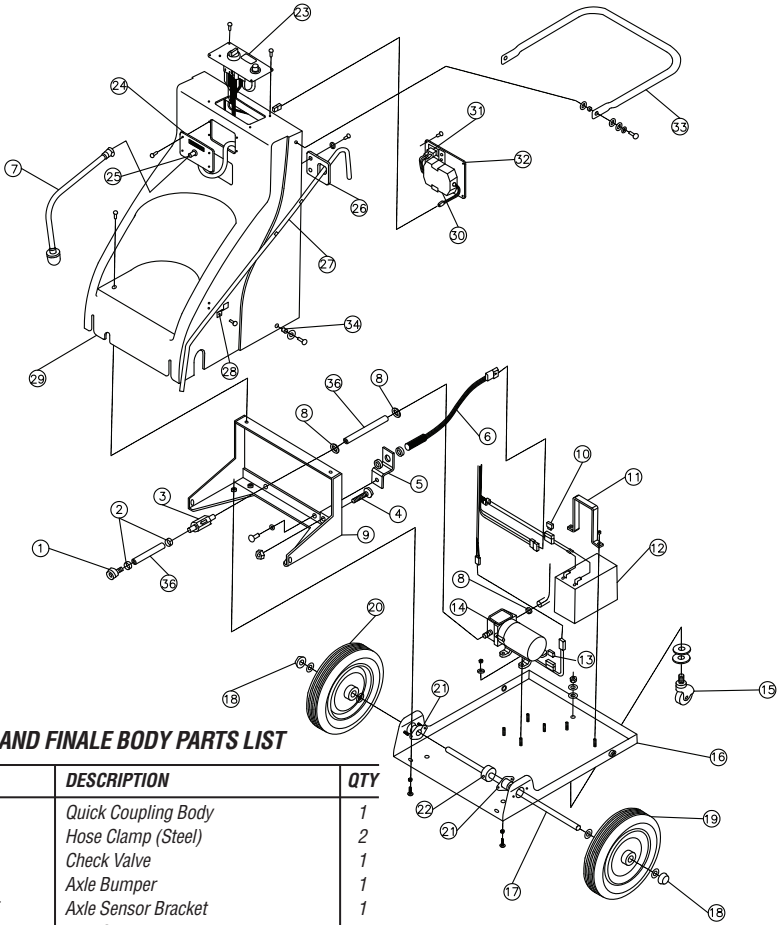
IMPORTANT

This product must be grounded while charging to protect the operator from electric shock. The power cord plug MUST be plugged into a matching electrical receptacle that is properly grounded in accordance with ALL local codes and ordinances.

1. Charge battery by connecting the power cord to the power inlet on the back side of the Grand Finale. Connect the power cord into a 120v grounded outlet. The GREEN light will come on when the power is connected. Allow battery to charge until "charged" and the RED indicator light glows. Disconnect power cord when fully charged.
2. Battery low indicator light on control panel will glow when approximately 10 minutes run time remain. Battery run time is 5-7 hours.

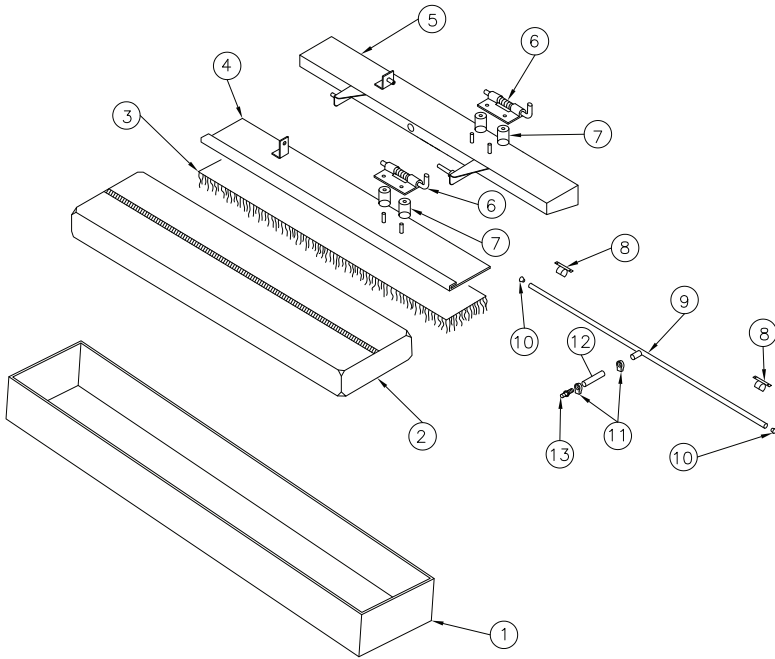
TROUBLESHOOTING

Problem	Probable Cause	Solution
<i>Machine leaves streaks</i>	<p><i>Pad has excessive debris</i></p> <p><i>Suction line filter blocked or restricted</i></p> <p><i>Distribution tube is blocked</i></p> <p><i>Floor re-coated too soon</i></p>	<p><i>Put pad holder in UP position and remove debris from pad.</i></p> <p><i>Remove suction line and rinse with hot water.</i></p> <p><i>Remove trough assembly from machine. Remove distribution tube from trough and clean tube using clean-out brush or paper clip.</i></p> <p><i>Allow adequate drying time between coats. Burnish after 24 hours.</i></p>
<i>Pump will not run</i>	<p><i>Switch is off</i></p> <p><i>Battery is discharged</i></p> <p><i>Hall Effect switch</i></p>	<p><i>Put switch in the ON position.</i></p> <p><i>Test by switching to the prime position. If the pump fails to run the battery needs to be charged.</i></p> <p><i>If the pump runs in the PRIME position but not when being pulled, the magnet that trips the axle position sensor switch may be out of alignment. Open the body and visually check the nylon hub (item 22 on the axle. It should be centered in front of the hall effect switch (item 6). If not, first check for side play in the axle assembly. There should only be about 1/32" to 1/16" movement. Adjust if necessary by tapping the hubs on to the axle.</i></p> <p><i>If there isn't side play then loosen the setscrew in the nylon hub and move so that it is centered in front of the hall effect switch. Also check that the magnet has not come dislodged from the hub.</i></p> <p><i>Check the distance between the hub and the switch. This should be no more than 1/16".</i></p> <p><i>If this doesn't solve the problem and all electrical plugs are in place then a faulty hall effect switch may be the problem.</i></p>
<i>Pump runs when unit is pulled in both directions</i>	<i>Drag on axle needs to be increased</i>	<i>Open the body and loosen the hex nut on bumper (item 4). Turn the bumper to increase the pressure on the axle so that when the left hand wheel turns in the forward motion, the axle does not turn but does turn in the rearward direction. Retighten the locking hex nut and close the body. (Left side is the side with the lift rod.)</i>



GRAND FINALE BODY PARTS LIST

#	PART #	DESCRIPTION	QTY
1	050-270	Quick Coupling Body	1
2	050-320	Hose Clamp (Steel)	2
3	050-120	Check Valve	1
4	050-230	Axle Bumper	1
5	283-050-185	Axle Sensor Bracket	1
6	050-140	Axle Sensor	1
7	050-151	Suction Tube Assembly	1
8	050-310	Hose Clamp (Nylon)	3
9	288-050-170	Pad Holder Support Assembly	1
10	050-3AMP	Fuse 3 Amp (Battery)	1
11	283-050-160	Battery Hold Down Bracket	1
12	050-170	Battery (12 Volt)	1
13	050-5AMP	Fuse 5 Amp (Pump)	1
14	050-390	Pump	1
15	050-330	2" Swivel Caster	1
16	288-050-190	Steel Body Frame Assembly	1
17	218-5-304 SS BAR	Axle	1
18	050-220	Axle Cap Nut	2
19	156-050-1	10x1.75 Wheel w/Bushing	1
20	156-050-2	10x1.75 Wheel w/Bearing	1
21	050-160	Axle Flange Bearing	2
22	050-420	Magnet Mount Bushing Assembly	1
23	153-050-1	Wire Harness assembly	1
24	283-050-150	Suction Tube Plate	1
25	050-290	Quick Coupling Insert	1
26	283-050-140	Lift Handle Adjustment Bracket	1
27	283-050-135	Lift Handle	1
28	283-050-145	Lift Handle Support Bracket	1
29	108-050	Body (Plastic)	1
30	050-130	Battery Charger 12V 1.5 Amp	1
31	050-400	Power Receptical	1
32	288-050-155	Battery Charger Mount Plate Assembly	1
33	283-050-195	Handle	1
34	050-190	Body Spacer	2



GRAND FINALE HEAD ASSEMBLY PARTS LIST

#	PART #	DESCRIPTION	QTY
1	283-050-210	Drip Tray	1
2	050-440	36" Head Cover	1
3	050-450	36" Applicator Pad	1
4	288-050-100	36" Pad Holder Assembly	1
5	288-050-115	36" Manifold Housing Assembly	1
6	625-32854440	Spring Latch Pin	2
7	050-200	Applicator Spacer	4
8	050-350	Manifold Mounting Clip	2
9	283-050-130	36" Manifold	1
10	050-100	Manifold Tube Caps	2
11	050-310	Hose Clamp (Nylon)	2
12	216-0609	3/8 x 9/16 Clear Tubing	1
13	050-280	Quick Coupling Insert	1

LIMITED ONE YEAR WARRANTY

Aztec Products, Inc. warrants its products to be free from defects in material and workmanship for a period of one year from the date of sale.

Aztec Products, Inc. agrees, at its option, to repair or replace at its own expense any product or part(s) which examination proves to be defective in workmanship or materials provided that the purchaser notifies Aztec Products, Inc. directly, within the warranty period, and follows the Return Policy.

This warranty does not apply to or cover equipment damaged by misuse, abuse, neglect, accident, or any use not specified in the instruction manual, or any other circumstances that are out of the control of Aztec Products, Inc. or their authorized agents.

All repairs or changes must be made under the supervision or arrangement of Aztec Products, Inc. or their agents unless prior written consent has been issued. Any deviation from this arrangement shall make the owner of the equipment and/or party involved in those changes responsible for any and all damages resulting from such changes.

The foregoing is the entire and only Aztec Products, Inc. warranty which in no event covers incidental or consequential damages resulting from any such defective product or part(s). This warranty gives specific legal rights. Purchaser may have other rights which vary from state to state.

This warranty is non-transferable.

AZTEC PRODUCTS, INC.

201 Commerce Drive • Montgomeryville, PA 18936 • 800-331-1423 • Fax 215-393-4800

RETURN GOODS POLICY

As our customer, you are aware that the design and construction of this product are both innovative and unique. Since this is true, in order to troubleshoot our equipment, we rely heavily on returned defective or failed parts so that we can examine the causes of failure. While this may at first seem to be an inconvenience, ultimately you benefit from safer, better designed machine components. Please give us the opportunity to serve you better by following these RGA (Return Goods Authorization) rules.

1. We maintain the serial number, date of shipment or sale, and customer name on each piece of equipment sold. If you were the purchaser, please reference that information on your request for replacement or repair. If you purchased the equipment through a dealer, please include the company name, the date, and the serial number of the product.
2. Ask for an RGA number when you are ordering the replacement part. Return the failed part within 14 days, freight prepaid, exactly

as it was at the time of failure. Our inspection and evaluation will attempt to determine the probable cause of failure.

3. If our inspection reveals that the failed part was defective, we will credit your account for the entire amount of the part including your cost of return freight, but not packaging expense. When incomplete parts are returned for credit, their condition or state of incompleteness will be assessed against the credit claim.
4. We will not accept freight collect returns or returns that do not indicate the RGA # on the packing list.

Your satisfaction is extremely important to us. We intend to be reasonable on any matter that is related to our warranty service or other wear-related problems which our customers feel need attention. Please help us to help you. Before assuming that a part is defective, check the repair manual to see if the problem might be something that you or one of your employees might be capable of correcting. If it is not, follow the above policy and depend on us to respond quickly and responsibly.

PROTECT YOUR WARRANTY!

Read carefully, any questions regarding the care and safety of this unit, please contact your local distributor.



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