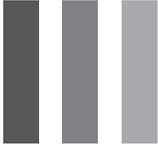


# BEAM Alliance Solaire

Cleaning Set Manual



**BEAM**  
Electrolux

# IMPORTANT SAFETY INSTRUCTIONS

Your Powerbrush combines power cleaning with ease of maintenance and represents the very best design and manufacturing. However, as with any powerful appliance, caution must be exercised while using this Powerbrush. You will find the safety precautions and maintenance instructions outlined in this manual useful. When using an electrical appliance, the following basic precautions should always be followed:

**READ ALL INSTRUCTIONS BEFORE USING THIS VACUUM SYSTEM.**

## **WARNING**

### **To reduce the risk of fire, electric shock or injury:**

- Keep loose clothing, hair, fingers and other parts of the body away from openings and moving parts (brush roller) when the Powerbrush is connected to an electrical outlet.
- Turn off all controls before unplugging.
- Disconnect the Powerbrush from the electrical outlet prior to any servicing.
- Do not handle the Powerbrush, its electrical cord or plug with wet hands.
- Do not use with damaged cord or plug. If the appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to an authorized service center for servicing/repair.
- Do not use the Powerbrush in areas where flammable or combustible liquids, such as gasoline, are present.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Electric shock could occur if the Powerbrush is used outdoors or on wet surfaces.
- Always turn off the Powerbrush before connecting and disconnecting the hose.
- The hose contains electrical wires. Do not use when damaged, cut or punctured.
- Do not pull or carry by the cord, use the cord as a handle, close a door on the cord or pull the cord around sharp edges or corners. Keep the cord away from heated surfaces. Do not run the appliance over the cord.
- Do not attempt to pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes with the Powerbrush.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
- Use extra care when cleaning on stairs.
- Do not unplug by pulling on the cord. To unplug, grasp the plug, not the cord.
- Do not leave the appliance unattended when plugged in. Unplug from the outlet when not in use.
- Use only as described in this manual. Use only manufacturer's recommended attachments.

## **SAVE THESE INSTRUCTIONS**

### **HOUSEHOLD USE ONLY**

To reduce the risk of electric shock, this appliance has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

Congratulations on your purchase of the BEAM *Alliance* Central Vacuum System, the ultimate cleaning solution. The BEAM *Alliance* Central Vacuum System is designed to help you efficiently clean and maintain your home. While vacuuming may never be truly pleasurable, you can have a cleaner, healthier home. . . and more time to do the things you really enjoy.

Your BEAM *Alliance* Solaire Cleaning Set has been designed to work only with the BEAM *Alliance* Central Vacuum System. Any use with another central vacuum system may cause damage to the system components and void the warranty.

To achieve the maximum benefits from your BEAM *Alliance* Solaire Cleaning Set, please **read this manual carefully.**

**For more information regarding BEAM and other innovative products from BEAM, visit [www.beam.com](http://www.beam.com).**

## TELESCOPIC WAND FEATURES



Figure 1.

## POWERBRUSH FEATURES

1. Cogged Belt – The cogged belt is designed for positive drive, and it will not stretch or slip. The long life of the sturdy cogged belt also reduces the need for frequent replacement to enhance cleaning efficiently.
2. LED Lamp – The super bright light of the LED (Light Emitting Diode) lamp allows for better vision in poorly lit areas for more thorough cleaning. It is also much more durable than incandescent or halogen bulbs.
3. Automatic Carpet Height Adjustment – The Powerbrush is equipped with two small roller wheels at the front which keep the Powerbrush at the correct distance from the carpet for optimal cleaning.
4. Circuit Breaker – The electronic circuit breaker protects the motor and the cogged belt from damage should a motor stall occur due to accidental pick up of a larger object. The LED light located on the back of the powerbrush (see Figure 2.) will glow green in color for normal operation and flashing red in color for a stalled or jammed condition.

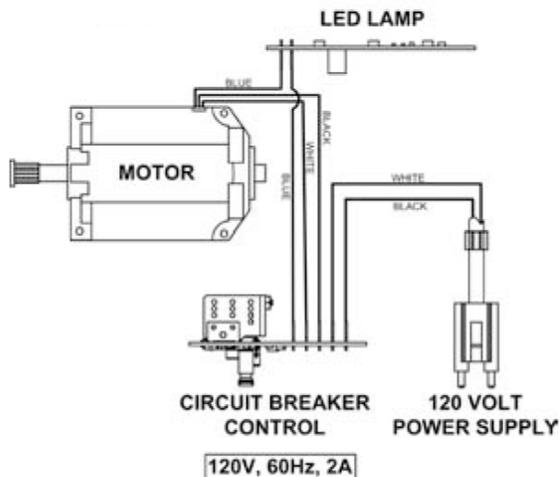


Figure 2

### **CAUTION! TO REDUCE THE RISK OF INJURY, BRUSHROLL COULD SUDDENLY RESTART, UNPLUG BEFORE SERVICING.**

When brushroll jam has been cleared, circuit breaker can be reset by switching hose handle switch “off” then “on”. Your Powerbrush must be serviced by an authorized service center if it continues to trip the circuit breaker.

5. Isolated Brush Compartment – The electrical compartment is totally separated from the sweeping area. This provides user safety and shields the electric motor from dust and dirt to enhance motor life.
6. Dual Ball Bearing Brush Roller – The rotating brush mechanism utilizes precision ball bearings for extra smooth running and durability.
7. Chevron Brushroll – Pulls dirt to main airchannel.
8. Wheel Bearings - The rear wheels are equipped with sealed ball bearings providing a quiet long lasting assembly.



Powerbrush Wiring Diagram

## ASSEMBLY & OPERATING INSTRUCTIONS FOR THE POWERBRUSH

When using the powerbrush, the basic precautions outlined under “IMPORTANT SAFETY INSTRUCTIONS” should always be followed.

1. Push the wand into the powerbrush socket until it locks in place. The wand socket is designed with a positive stop. Therefore, the wand will not jam in the wand socket. Insert hose end into the powerbrush wand on the assembled powerbrush until it locks in place. (figure 3)
2. Make sure the hose handle button is OFF. Note: The handle is in the OFF position when the indicator in the (Ⓜ) button is OFF.
3. Insert the hose into the wall inlet valve (faceplate), and plug the cord into the electrical outlet. (figure 4)
4. Lower the wand from the upright position.
5. To turn the central vacuum ON, press the (Ⓜ) button.
6. To turn on the powerbrush, press the powerbrush button (Ⓜ) to turn it on.
7. To turn off the powerbrush, press the symbol Powerbrush (Ⓜ) button. The indicator in the icon will turn off.
8. Disconnect the handle from the wand by pushing the button on the wand that is closest to the handle, and pulling the handle out of the wand socket.
9. Variable speed allows you to vary the suction power. Press ( + / - ) indicator button. An indicator in the handle will show bars and the different speed levels.
10. Release the wand from the powerhead by depressing the foot pedal and pulling the wand out of the powerbrush socket.



Figure 3.

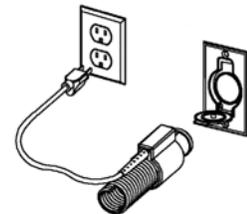


Figure 4.

Helpful Hint: To prevent possible damage to the Powerbrush, do not pick up hard or sharp objects. Articles of clothing, towels, loose carpet edges, etc., should also be avoided. If an article does become entangled in the brush roller, switch off the Powerbrush. Disconnect the hose cord from electrical outlet and the hose from the faceplate and then remove the object carefully without using excessive force.

**WARNING: Always switch off the Powerbrush and disconnect plug from wall electrical outlet and disconnect hose before servicing the Powerbrush.**

## GENERAL CLEANING

1. The Powerbrush can be wiped with a cloth dampened with warm water and a mild detergent.
2. Do not use abrasive substances or any solvents.

3. Do not immerse in water or allow water to enter the Powerbrush.

## BRUSH ROLLER CLEANING

For top cleaning performance, it is recommended that the brush roller and the brush roller compartment be cleaned on an occasional basis.

**WARNING: Always switch off the Powerhead and disconnect plug from wall outlet and disconnect hose before servicing the Powerbrush.**

1. Turn the Powerbrush upside down.
2. Press the 3 snap release clips (as shown in Figure 5) and remove brush cover.
3. The brush roller is now exposed for removal of fibers, hair, etc. from the bristles and around the brush roller.
4. To remove fibers or hair entangled around the brush roller, cut parallel to brush roller.
5. You may further clean the brush compartment with your central vacuum system.
6. Replace the brush cover by inserting the tabs on the front of the cover into the appropriate slots in the Powerbrush base (as shown in Figure 6) and press down on the three clips until they snap-lock into place.

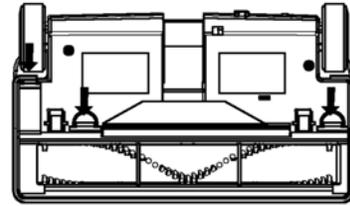


Figure 5.

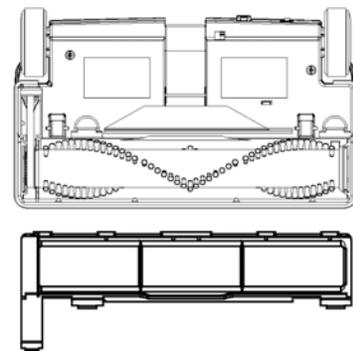


Figure 6

## POWERBRUSH MAINTENANCE

How to Change Cogged Belt.

**WARNING: Always switch off the Powerbrush and disconnect plug from wall electrical outlet and disconnect the hose before servicing the Powerbrush.**

1. Remove the brush cover as described in “Brush Roller Cleaning” steps 1 and 2.
2. Insert a string around the brush roller close to the cogged belt. Pull both ends of the string upwards so that the brush roller disengages from the base (as shown in Figure 7). Similarly, disengage the other end.
3. Remove and clean the bearing shaft from the brush roller ends. Notice the bearing shafts are not symmetrical. The slanted one belongs to the Brush gear (cogged belt side, as shown in Figure 8).

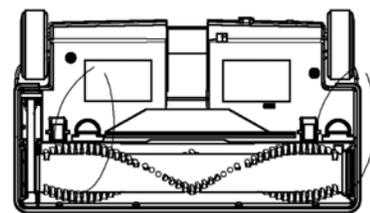


Figure 7.

4. Remove the old belt. (You may also cut the old belt with scissors to quickly remove it).
5. Slip the new cogged belt over the gear on the motor shaft (as shown in Figure 9).
6. Now slip the belt onto the brush gear of the brush roller.
7. Slide the bearing housing in the corresponding slots on the base. Make sure both are completely pushed into place; the tab on the slanted bearing housing must fit into the slot at the bottom of the brush compartment.
8. Replace the Brush cover as described in item 6 under Brush Roller Cleaning.

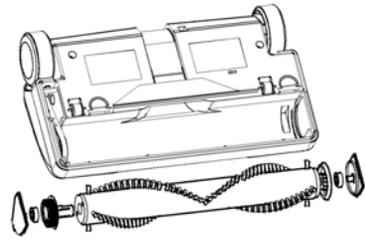


Figure 8.

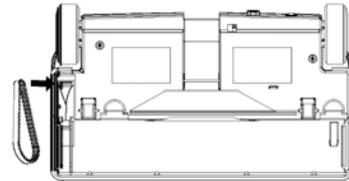


Figure 9