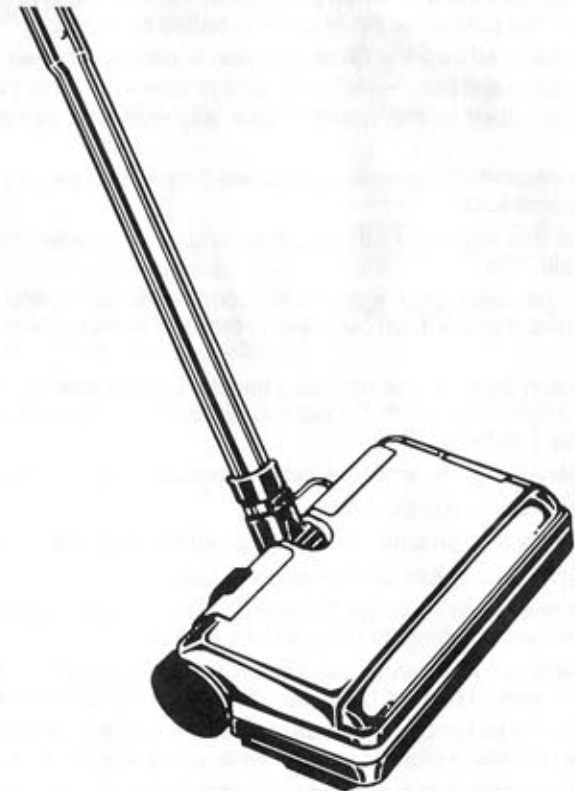


# ASSEMBLY AND OPERATING INSTRUCTIONS

## Electric Powerhead Household Type



Write the model and serial numbers of your vacuum in the space provided. Refer to the rating plate on cleaner.

Model #

Serial #

Retain this owner's guide for future reference.

# IMPORTANT SAFEGUARDS

When using an electric appliance, basic precautions should always be followed, including the following:

**Read all instructions before using this vacuum cleaner.**

## WARNING

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

- Do not use outdoors or on wet surfaces.
- **Do not leave vacuum cleaner when plugged in.** Remove hose from inlet valve and unplug the electrical cord when not in use and before servicing.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Some hoses contain electrical wires. Do not use if damaged, cut, or punctured. Avoid picking up sharp objects.
- Always turn off this appliance before connecting or disconnecting either hose or motorized nozzle.
- Do not use with damaged cord or plug. If vacuum cleaner is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
- Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run vacuum cleaner over cord. Keep cord away from heated surfaces.
- Do not use extension cords or outlets with inadequate current carrying capacity.
- Turn off all controls before unplugging.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Do not handle plug or vacuum cleaner with wet hands.
- 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.
- This vacuum creates suction and some contain a revolving brush roll. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Do not place cleaner on furniture as brush roll may damage the furniture. Place cleaner on floor with the handle in storage position while using attachments.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use without dust bag or filter(s) in place.
- Belt pulleys can become hot during normal use. To prevent burns, avoid touching the belt pulley when servicing the drive belt.
- Use extra care when cleaning on stairs.
- Do not pick up flammable or combustible liquids such as gasoline, or use in areas where they may be present.
- Store your cleaner indoors in a cool, dry area.
- Keep your work area well lighted.
- Unplug electrical appliances before vacuuming them.

## SAVE THESE INSTRUCTIONS

## GENERAL INFORMATION

The powerhead is designed to pick up dirt and dust particles. Avoid picking up hard or sharp objects with the powerhead to prevent bag tears, hose clogs, and fan blade breakage with subsequent motor damage.

**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 into 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.

**BEFORE YOU PLUG IN YOUR POWERHEAD**, check the voltage rating plate located underneath the Powerhead to check if it agrees within 10% of the voltage available. (See Rating Plate).



**DO NOT OIL.** The motor in your new Powerhead is permanently lubricated and sealed. Do not oil the motor at any time.

## Rating Plate

The model, type, and serial numbers are indicated on the rating plate. For prompt and complete service information, always refer to these numbers when inquiring about service.

AMPS	HERTZ	VOLTS
TYPE & SERIAL		MODEL

## CLEANING ACCESSORIES

(Cleaning tools may vary by model.)

### Straight Extension Wands

The two extension wands can be used individually or fitted together to increase the cleaning reach and permit comfortable stand-up floor cleaning.

### Tools

**NOTE: Not all accessories and tools are available with all models.**

To use cleaning tools, attach directly to end of hose or use with a wand. Attach the circular end of tool to hose or wand with a twisting motion until it is secure.

**Dusting brush.** For furniture, blinds, books, lamp shades, shelves.

**Upholstery tool.** For curtains, draperies, cushions, fabrics.

**Crevise tool.** For crevices, corners, baseboards, between cushions.

**Floor and wall brush.** Ideal for paneled walls, ceilings, beams, polished floors, and linoleum.

### POWERHEAD BRUSH ROLL BELT

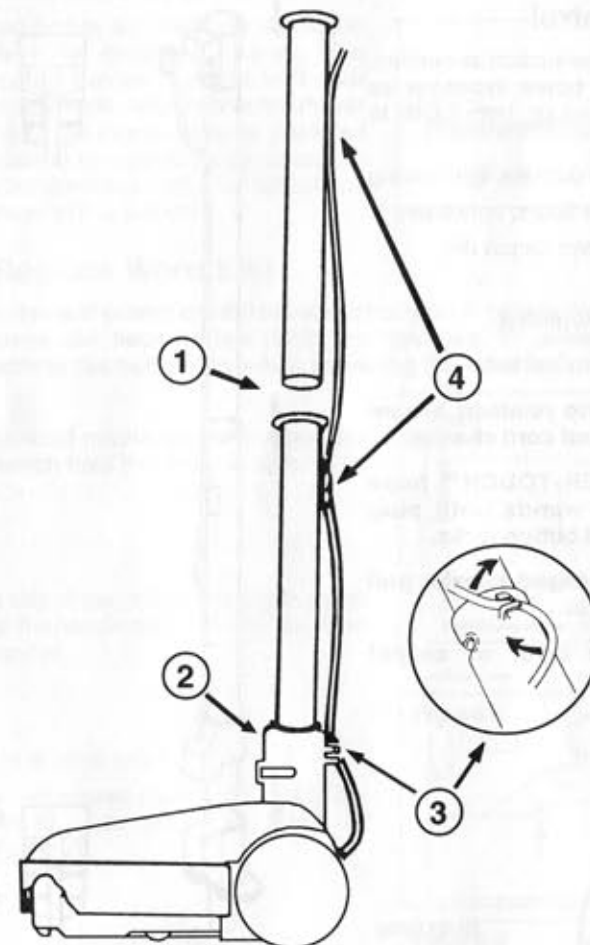
Your motor driven powerhead uses a belt to transfer power from the electric motor to the revolving brush roll. One of the safety features in your powerhead is a design to let the belt slip if something becomes caught in the brush roll.

One result of this slip feature is belts that require occasional replacement. The length of time between replacements will vary based on your specific usage. Should you notice a reduction in cleaning, or if the belt is not turning in the belt-view window (on some models), replace the belt.

Powerhead belts are not replaced under warranty, since they are designed to slip rather than permit damage to the motor.

## HOW TO ASSEMBLE THE POWERHEAD

1. Snap together the two interlocking wands.
2. Push assembled wands into powerhead socket.
3. Place cord between cord guides on handle socket, as shown, and turn to position.
4. Press cord into channels on wands.



### Handle Release

To release the handle, place a foot on the motorized nozzle and pull the handle back to a comfortable work position. Return the handle to the upright position for storage.

## Power-Touch® Handle (Optional on some models)

Remote ON/OFF Selector for bare floor or carpet

- Carpet - push down on front
- Bare floor - push down on back

## Vacuum Control

Reduce or increase suction as needed. Cleaning suction power increases as the lever is moved up from LOW to HIGH.

- Down - sheer curtains, light dusting
- Middle - bare floors, upholstery
- Up - deep down carpet dirt

- 1 Snap wands together.
- 2 Put wands into socket.
- 3 Push plug into retainer; secure cord in slot and cord channel.
- 4 Place POWER-TOUCH™ hose handle into wands until plug connects and button locks.
- 5 Step on motorized nozzle; pull back on handle.
- 6 Select bare floor or carpet cleaning.



Step here and pull up to release



## Power View

Rotating brush roll could cause damage to bare floors. Be sure brush roll is stationary for bare floors; turning for carpet.

Easy change feature available for most models

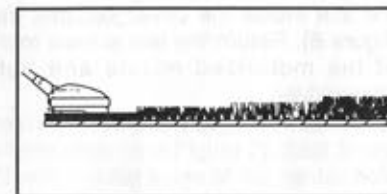
\*Features on models may vary.

## Edge Kleener

EDGE KLEENER feature provides for improved cleaning of carpets near walls and stationary furniture. Slots on the sides of the nozzle increase air flow to the edges of the powerhead and add to the cleaning efficiency of the powerhead. To operate, simply run powerhead along edge board. Edge Kleener operates instantly and automatically.

## Carpet Cleaning Adjustment

The motorized nozzle automatically adjusts to any carpet level for maximum cleaning. The amount of suction can be changed to fit your specific cleaning needs. Adjust either the Power Control or the or the Power Selector (featured on certain models) to provide easier operation on some carpet densities. Refer to instructions found elsewhere in this booklet.



## How To Replace Worn Belt

**NOTE:** Disconnect power cord from electrical outlet before replacing belt. Belt pulleys can become hot during normal use. To prevent burns, avoid touching the belt pulley when servicing the drive belt.

Turn the motorized nozzle over to remove the two screws which hold the cover in place (see Figure 1).

From the top side of the motorized nozzle, grasp the hood near the handle socket and lift the hood forward to remove.

(For headlight models only)

Remove the two screws located in front of the light bulb and lift up to remove the brush roll cover (see Figure 2).

Lift the brush roll from the pulley end of the base to remove the worn belt from the brush roll (see Figure 3). Replace the new belt around the brush roll pulley and return the brush roll into the base. Check to be sure the opposite end of the brush roll is seated into the base. Then, insert the pulley end of the brush roll into the base with the flat edge of the end cap toward the top (see Figure 4). When the brush roll is seated, place the new belt beside the motor pulley and roll the brush roll to wrap the belt around both pulleys (see Figure 5).

Figure 1

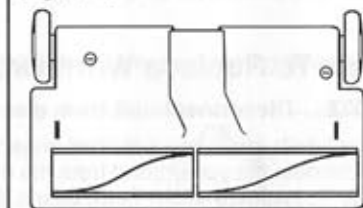


Figure 2

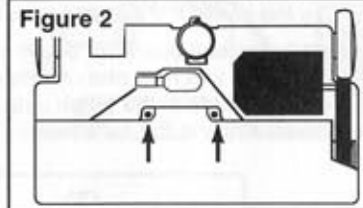


Figure 3

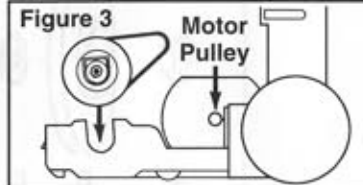
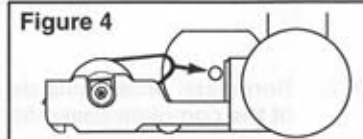


Figure 4

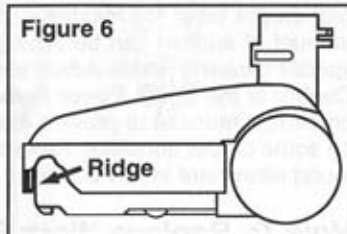
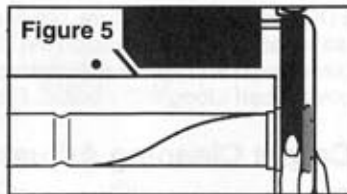


## How To Replace Worn Belt (continued)

(For headlight models only)

Replace the brush roll cover and align the two holes in front of the light bulb. Start the screws by hand and tighten with a screwdriver (see Figure 2).

Tilt the cover over the ridge at the front of the base and push the cover down over the base. Be sure the slot inside the cover secures the ridge (see Figure 6). Return the two screws to the underside of the motorized nozzle and tighten with a screwdriver.



## Brush Roll

The rotating brush roll sweeps and combs the carpet nap. Keep the brush roll free from hair and threads so it will continue brushing the carpet nap. Replace worn brush strips when the bristles no longer touch a piece of cardboard held across the bottom plate.

## How To Replace Worn Brush Strips

**NOTE:** Disconnect unit from electrical supply before replacing brush strips.

New brush strips are supplied in sets of four, two long and two short. To replace, first disconnect the powerhead from the electrical outlet and then remove the brush roll (see How To Replace Worn Belt). Use a 3/8 inch socket wrench to unscrew the locknut (A) from the end opposite the belt pulley. Remove the end cap (B), the washer (C) and bearing retainer (D). Push the exposed shaft (E) out the pulley end of the brush roll. Remove the pulley if it did not come off with the shaft (see Figure 1).

It is best to replace one worn brush strip at a time. Pull out the worn brush strip (F) with pliers and slide in a new one of the same length, inserting the rounded end first. Fit the track on either side of the brush strip securely into the brush roll slot. Then, replace the other brush strips in the same way.

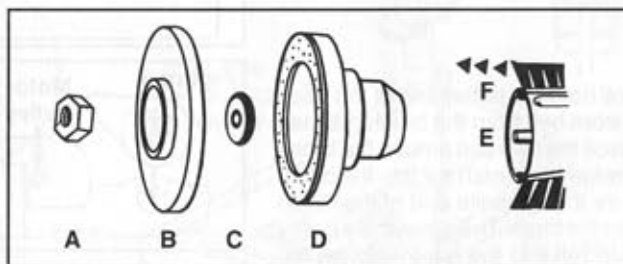


Figure 1

**NOTE:** Non-metal brush rolls do not have replacement brushes. Replacement of the complete assembly is necessary.

## How To Replace Worn Brush Strips

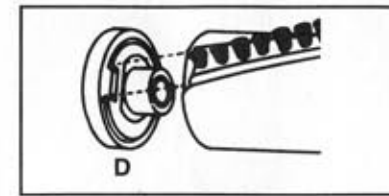


Figure 2

Replace the shaft (E) into the end nearest the shortest brush strip and align the indentation on the bearing retainer (D) with the brush strip on both ends (see Figure 2). Seat firmly. Replace the washer (C). Position the end cap (B) with the flat sides of the center hole over the flat sides of the threaded shaft (E). Tighten locknut (A). When properly assembled, the brush roll should rotate freely.

Check the condition of the belt; change if necessary. Replace the brush roll, belt, and cover (see How To Replace A Worn Belt).

## Headlight (Available on selected models)

**NOTE:** Be sure to disconnect unit from electrical outlet before replacing headlight bulb.

If light bulb failure occurs refer to the section (How To Replace Worn Belt). Turn the motorized nozzle over to remove the two screws which hold the cover in place. From the top side of the motorized nozzle, grasp the hood near the handle socket and lift forward to remove.

Press the old bulb into the socket, turn counterclockwise, and pull out to remove. Press the new bulb into the socket and turn clockwise. Tilt the cover over the ridge on the front of the base so the slot inside the cover is aligned. Push the cover down over the base until secured. Return the two screws to the underside of the motorized nozzle and tighten with a screwdriver.

**NOTE:** Use 15 watt replacement bulb only.

