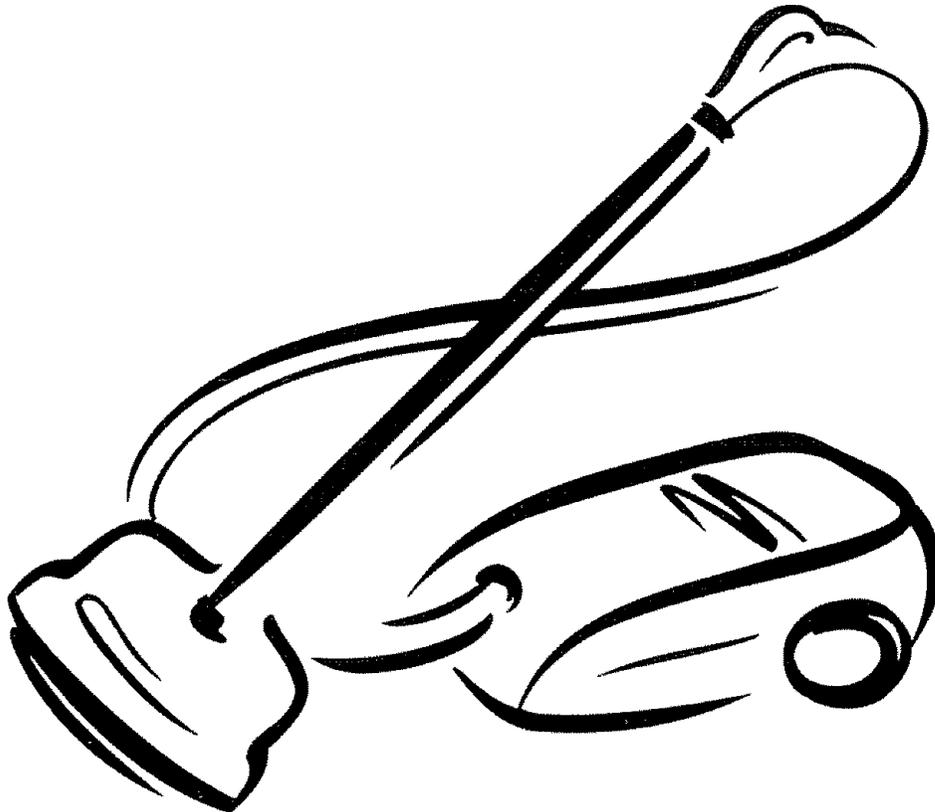


Owner's Manual



Vacuum Cleaner

Model 116.29812



CAUTION:

Read and follow all safety and operating instructions before first use of this product.

Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.
www.sears.com

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BEFORE USING YOUR NEW VACUUM

Please read this guide. It will help you assemble and operate your new Kenmore vacuum in the safest and most effective way.

For more information about the care and operation, call your nearest Sears store. You will need the complete model and serial numbers when requesting information. Your vacuum's model and serial numbers are located on the Model and Serial Number Plate.

Use the space below to record the model number and serial number of your new Kenmore vacuum.

Model No. _____

Serial No. _____

Date of Purchase _____

Keep this book and your sales check (receipt) in a safe place for future reference.

KENMORE VACUUM CLEANER WARRANTY

LIMITED ONE YEAR WARRANTY ON KENMORE VACUUM CLEANER

This warranty is for one year from the date of purchase, and includes only private household vacuum cleaner use. During the warranty year, when this vacuum cleaner is operated and maintained according to the owner's manual instructions, Sears will repair any defects in material or workmanship free of charge.

This warranty excludes vacuum bags, belts, light bulbs, and filters, which are expendable parts and become worn during normal use.

For warranty service, return this vacuum cleaner to the nearest Sears Service Center in the United States.

This warranty applies only while this product is in use in the United States. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Sears, Roebuck and Co., D/817 WA, Hoffman Estates, IL 60179

IMPORTANT SAFETY INSTRUCTIONS



WARNING

Your safety is important to us. To reduce the risk of fire, electrical shock, injury to persons or damage when using your vacuum cleaner, follow basic safety precautions including the following:

Read this manual before assembling or using your vacuum cleaner.

Use your cleaner only as described in this manual. Use only with Sears recommended attachments.

To reduce the risk of electrical shock – **Do not** use outdoors or on wet surfaces.

Disconnect electrical supply before servicing or cleaning out brush area. Failure to do so could result in electrical shock or brush suddenly starting.

Always turn cleaner off before connecting or disconnecting the hose or POWER-MATE™.

Always turn cleaner off before unplugging.

Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.

Hold plug when rewinding onto cord reel. Do not allow plug to whip when rewinding.

Do not use with damaged cord or plug. If cleaner is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a Sears Service Centre/Department.

Do not pull or carry by cord, use cord as a handle, close door on cord, or pull cord around sharp edges or corners. Do not run cleaner over cord. Keep cord away from heated surfaces.

Do not leave cleaner when plugged in. Unplug from outlet 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.

Do not handle plug or cleaner with wet hands.

Do not put any objects into openings.

Do not operate the cleaner with a punctured hose. The hose contains electrical wires. Replace if cut or worn. Avoid picking up sharp objects.

Do not use with any opening blocked; keep free of dust, lint, hair and anything that may reduce air flow.

Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.

Do not use cleaner without dust bag and/or filters in place.

Always change the dust bag after vacuuming carpet cleaners or freshener, powders and fine dust. These products clog the bag, reduce airflow and can cause the bag to burst. Failure to change bag could cause permanent damage to the cleaner.

Do not use the cleaner to pick up sharp hard objects, small toys, pins, paper clips, etc. They may damage the cleaner or dust bag.

Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.

Do not use cleaner to pick up flammable or combustible liquids (gasoline, cleaning fluids, perfumes, etc.), or use in areas where they may be present. The fumes from these substances can create a fire hazard or explosion.

Use extra care when cleaning on stairs. Do not put on chairs, tables, etc. Keep on floor.

You are responsible for making sure that your vacuum cleaner is not used by anyone unable to operate it properly.

Do not operate without exhaust filter or exhaust filter cover installed.

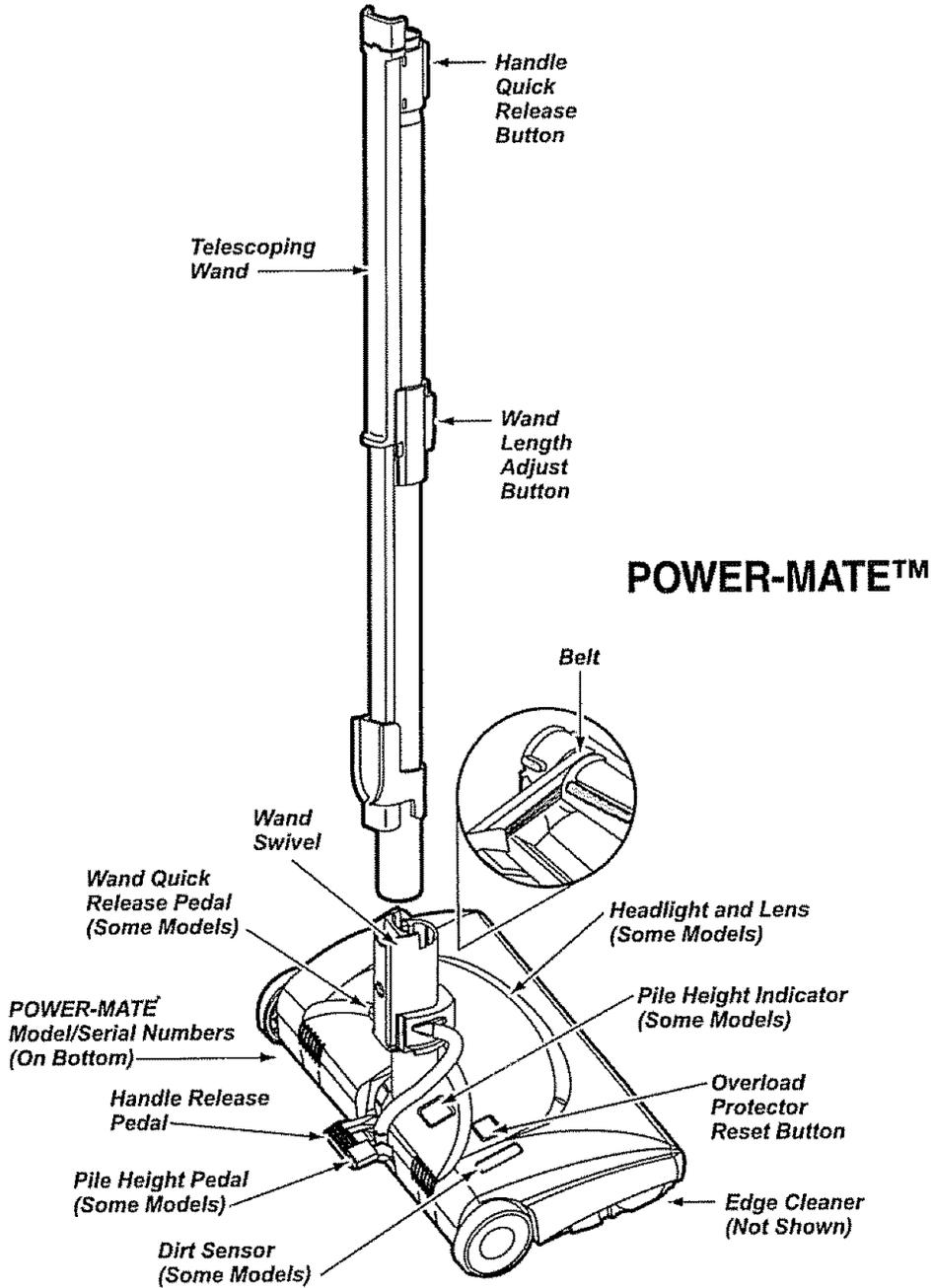
SAVE THESE INSTRUCTIONS

Proper assembly and safe use of your vacuum cleaner are your responsibilities. Your cleaner is intended only for household use. Read this Owner's Manual carefully for important use and safety information. This guide contains safety statements under warning and caution symbols. Please pay special attention to these boxes and follow any instructions given. **WARNING** statements alert you to such dangers as fire, electrical shock, burns and personal injury. **CAUTION** statements alert you to such dangers as personal injury and/or property damage.

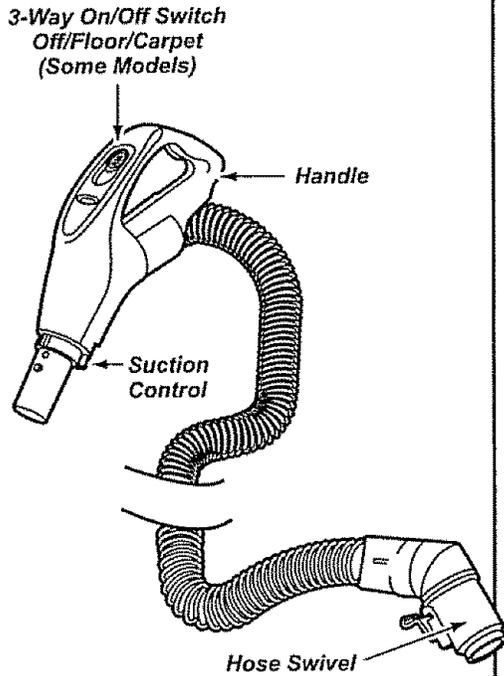
PARTS AND FEATURES

It is important to know your vacuum cleaner's parts and features to ensure its proper and safe use. Review these before using your cleaner.

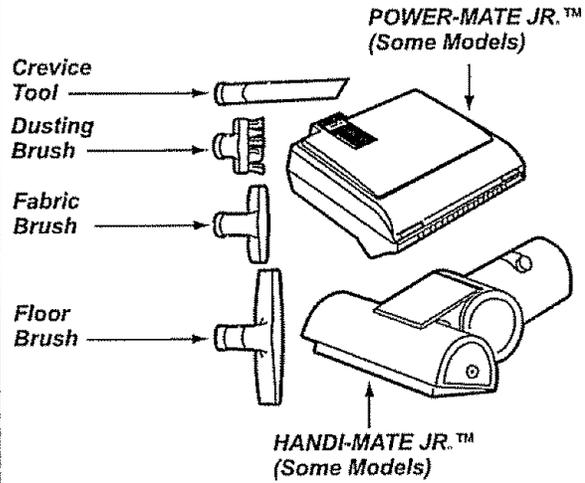
Item	Part No. In U.S.	Part No. In Canada
Headlight Bulb	20-5240	596181
Belt	20-5201	20-40979



HOSE



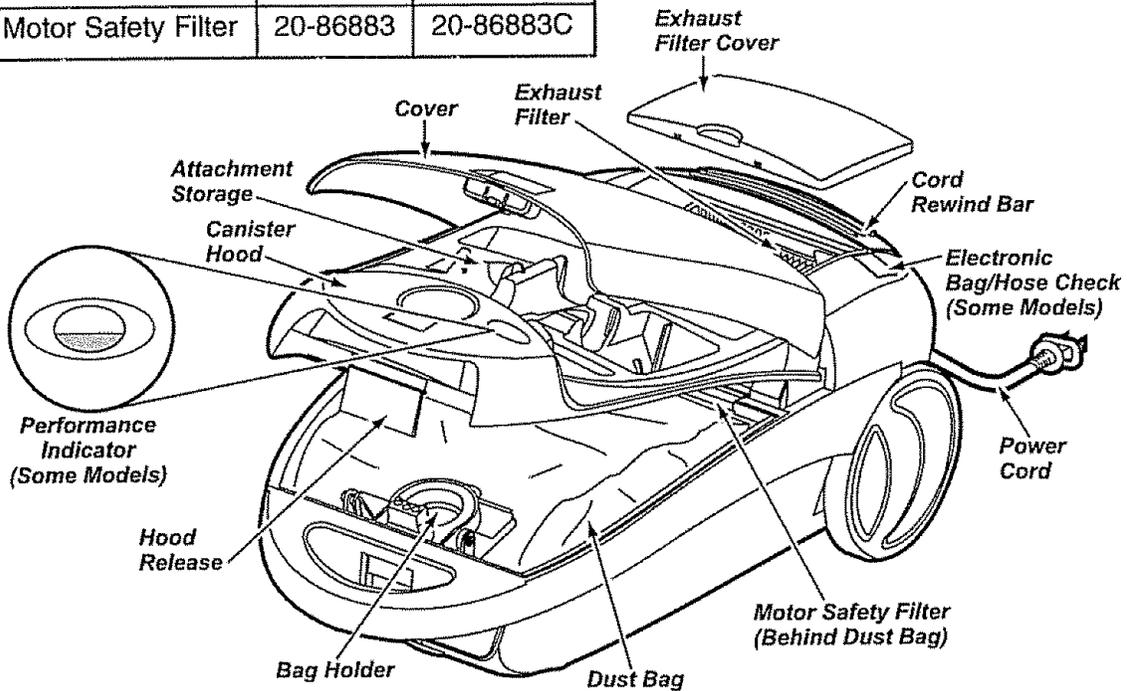
ATTACHMENTS



NOTE: All models have one set of attachments in the canister. Some models have an additional set, which can be kept in the accessory bag for garage use or other dirty areas.

CANISTER

Item	Part No. In U.S.	Part No. In Canada
Dust Bag	20-50557	20-50557C
Exhaust Filter	20-86882	20-86882C
Motor Safety Filter	20-86883	20-86883C



ASSEMBLY

Before assembling vacuum, check the PACKING LIST on the cover of the separate Repair Parts List. Use this list to verify that you have received all the components of your new Kenmore vacuum.

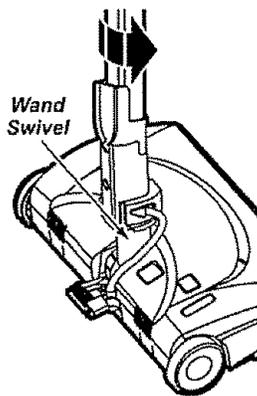
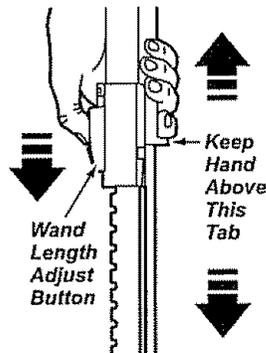


WARNING

Electrical Shock Hazard
DO NOT plug into electrical supply until assembly is complete. Failure to do so could result in electrical shock or injury.

WAND - TELESCOPING

The wand length is adjustable and requires no assembly. To adjust, simply push down on the wand adjust button and slide the upper wand to the desired height.

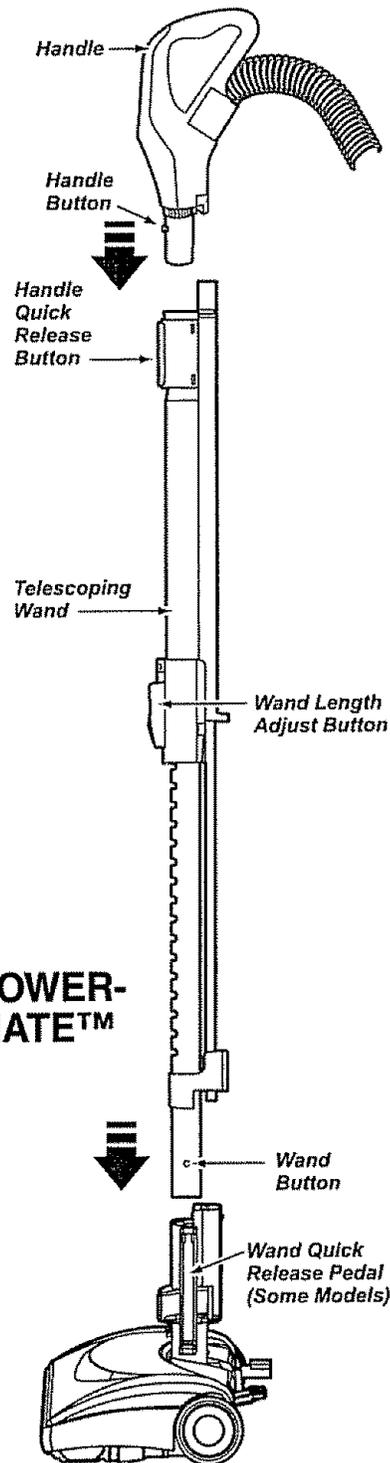


The swivel, located on the POWER-MATE™, allows you to turn the handle to the left side to reach farther under low furniture.

When raising the wand you may have to hold the POWER-MATE™ with your hand or foot.

POWER-MATE™

Insert wand into POWER-MATE™ until the wand button snaps into place.



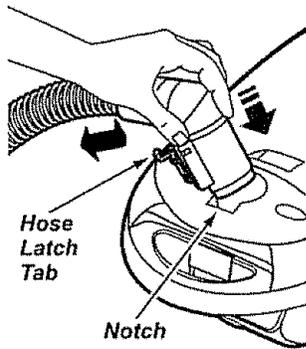
CANISTER

1. Open the canister hood.
2. Check to see that the dust bag is properly installed. See BAG CHANGING for instructions.
3. Check to see that the motor safety filter is properly installed. See MOTOR SAFETY FILTER CLEANING for instructions.

HOOD AND COVER

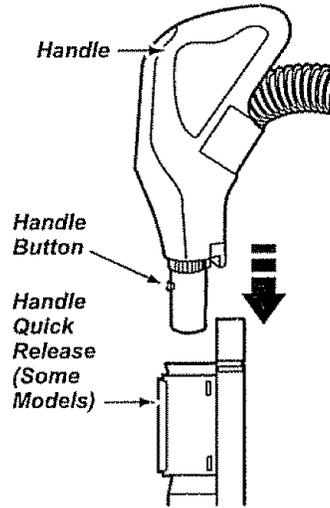
It is normal for the canister hood and cover to come off when opened further than needed. Line up the hinges, insert them, and close the hood and/or cover to replace it.

HOSE



1. Line up the hose latch tab and notch in canister hood and insert hose into canister until it snaps in place.

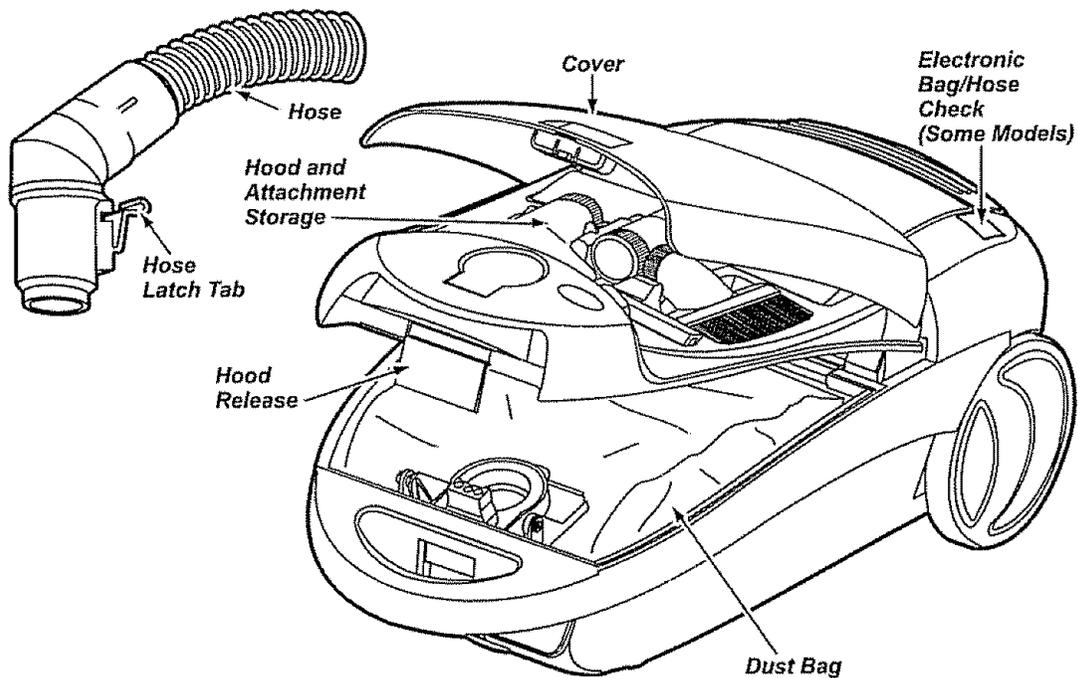
To remove: lift hose latch tab upward and pull up on hose.



2. Insert handle into wand until lock button snaps in place. **Be sure hose is not twisted.**

To remove: press handle quick release button and pull up on handle.

To store: Disconnect hose from wands and canister to prevent stress on hose during storage. Store hose in a loosely coiled position so the hose covering is not stressed.



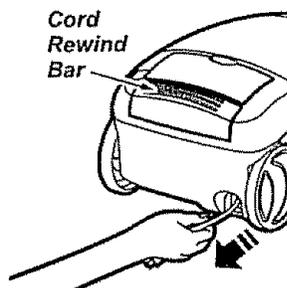
USE

HOW TO START

WARNING

Personal Injury and Product Damage Hazard

- **DO NOT** plug in if switch is in ON position. Personal injury or damage could result.
- The cord moves rapidly when rewinding. Keep children away and provide a clear path when rewinding the cord to prevent personal injury.
- **DO NOT** use outlets above counters. Damage to items in surrounding area could occur.

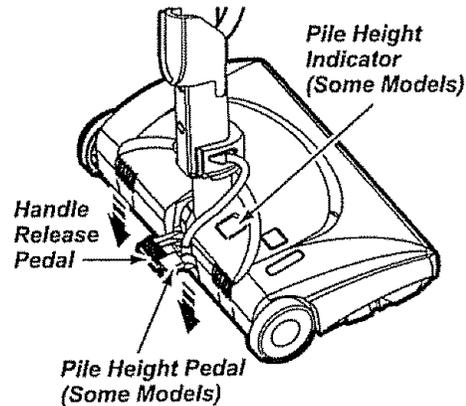
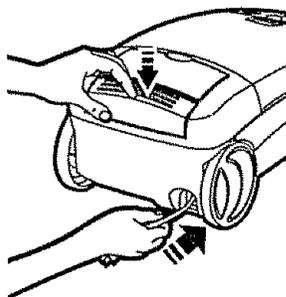


1. Pull cord out of canister to desired length. The cord will not rewind until the cord rewind bar is pushed.

NOTE: To reduce the risk of electric shock, this vacuum cleaner 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.

2. Plug the polarized power cord into a 120 Volt outlet located near the floor.

To rewind: Unplug the cleaner. Hold the plug while rewinding to prevent damage or injury from the moving cord. Push cord rewind bar.



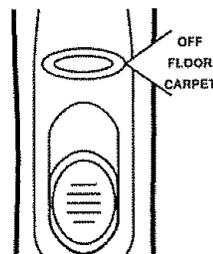
3. Lower wand from upright position by pressing on the handle release pedal.

CAUTION

DO NOT leave the POWER-MATE™ running in one spot in the upright position for any length of time. Damage to carpet may occur.

4. Select a pile height setting by pressing the small pedal on the rear of the POWER-MATE™. The pile height setting shows on the indicator. See SUGGESTED PILE HEIGHT SETTINGS.

Attention: Refer to your carpet manufacturers cleaning recommendations. Some more delicate carpets may require that they be vacuumed with the POWER-MATE™ agitator turned off, to prevent carpet damage.



5. Select a switch position on the handle.

OFF

FLOOR - turns on the canister motor only.

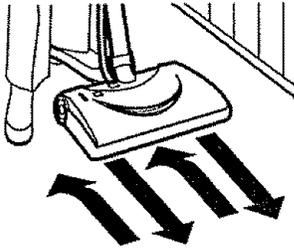
CARPET - turns on both the canister and the POWER-MATE™ motors.

NOTE - When this switch is in the **FLOOR** position, the headlight and dirt sensor (some models) **DO NOT** function since no electricity flows to the POWER-MATE™.

VACUUMING TIPS

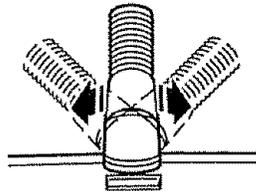
Suggested sweeping pattern.

For best cleaning action, the POWER-MATE™ should be pushed straight away from you and pulled straight back. At the end of each pull stroke, the direction of the POWER-MATE™ should be changed to point into the next section to be cleaned. This pattern should be continued across the rug with slow, gliding motions.



NOTE: Fast, jerky strokes do not provide complete cleaning.

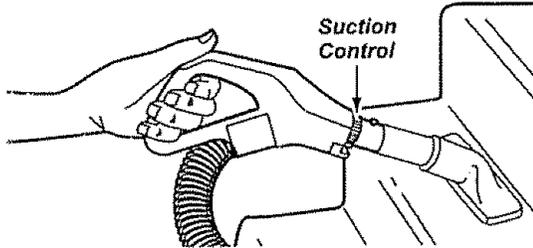
The hose swivel allows the hose to turn without moving the canister. This is helpful for cleaning in small areas. Check hose for twisting before pulling canister.



CAUTION
Product Damage Hazard
Use care if the POWER-MATE™ and wand is left in the upright position as it may tip over easily. Property damage can occur if tipped.

WARNING
Personal Injury and Product Damage Hazard

- DO NOT run over power cord with POWER-MATE™. Personal injury or damage could result.
- DO NOT pull plug from wall by the power cord. If there is damage to the cord or plug, personal injury or property damage could result.



Carpeted stairs need to be vacuumed regularly. For best cleaning results, fully close the suction control.

WARNING
Personal Injury Hazard
Use care if canister is placed on stairs. If it falls, personal injury or property damage could result.

For best cleaning results, keep the airflow passage open. Check each assembly area in HOW YOUR VACUUM WORKS occasionally for clogs. **Unplug from outlet before checking.**

SUGGESTED PILE HEIGHT SETTINGS

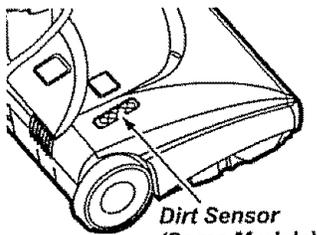
For best deep down cleaning, use the **XLO** setting. However, you may need to raise the height to make some jobs easier, such as scatter rugs and some deep pile carpets, and to prevent the vacuum cleaner from shutting off. Suggested settings are:

- HI** – Shag, deep pile, or scatter rugs.
- MED** – Medium to deep pile.
- LO** – Low to medium pile.
- XLO** – Most carpets and bare floors.

DIRT SENSOR

SOME MODELS

The dirt sensor light system is mounted on the POWER-MATE™ nozzle near the reset button. It consists of a series of three red lights and one green light.



The lights give you an indication of the amount of dirt particles that are passing thru the sensor on its way to the dust bag.

INITIAL START UP

When the POWER-MATE™ is first started, the following sequences occurs in a two second time frame:

1. All three reds come on.
2. Two reds are on.
3. One red is on.
4. One green is on and will remain on until the POWER-MATE™ nozzle is placed in use.

NOTE: If the nozzle is on a surface that has dirt on it, dirt will be picked up by the vacuum and one or more red lights might stay on.

IN OPERATION

When the POWER-MATE™ is being moved back and forth on the floor, the lights will change from one configuration to another as more dirt or less dirt is being vacuumed. As long as one or more red lights are on, dirt is passing through the wand to indicate that the surface still needs cleaning.

When the green light stays on as the POWER-MATE™ is moved back and forth over an area, the sensor is not seeing enough dirt to warrant further cleaning of that area.

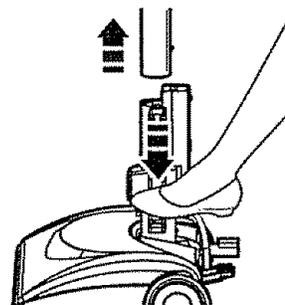
NOTE: Dirt sensor lights **DO NOT** function in the **FLOOR** setting.

CLEANING LENS

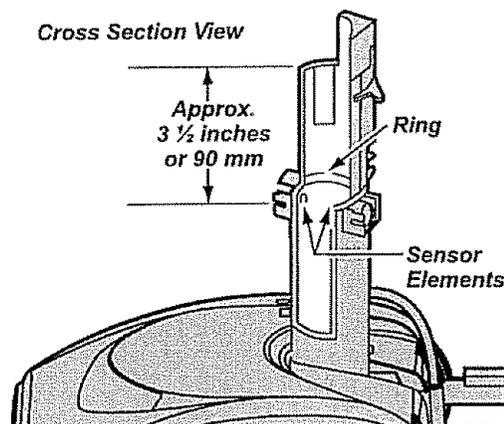
Although the dirt sensor feature in your Kenmore POWER-MATE™ is designed for years of trouble free use, the passage of dirt through the air passage system can coat the lens causing the green light to come on and stay on - never switching to red. When this happens the lens must be cleaned.

TO CLEAN THE LENSES:

1. Remove the wands by pressing the quick release pedal and lifting up on the wands.



Cross Section View



2. As indicated by the illustration, the two dirt sensor elements are located on the inside of the swivel, approximately 3 1/2 inches/90 mm down, (note the arrows). Each element should be cleaned periodically. To reach the sensor elements, use a small brush such as a bottle brush. Brush each sensor element several times to remove dust and dirt.

NOTE: Looking down inside the swivel you will see a ring. The sensor elements are located just slightly below this ring.

3. Reinstall the wands after cleaning the sensors.



CAUTION

Never use water or any cleaning solution when cleaning the lenses. The residue of the water or cleaners will accelerate the recoating of the lenses and make cleaning necessary sooner.

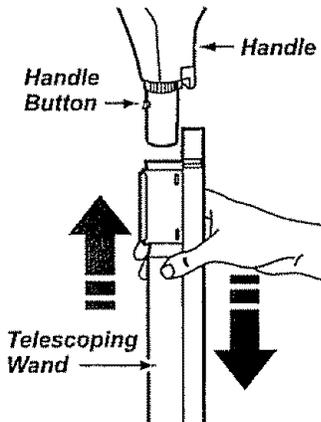
ATTACHMENTS



CAUTION

DO NOT attach or remove handle or wands while cleaner is ON. This could cause sparking and damage the electrical contacts.

ATTACHMENTS ON HANDLE

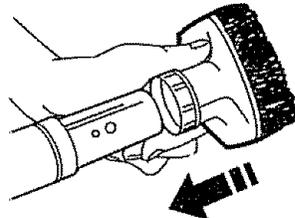


NOTE: If the POWER-MATE™ is attached, turn cleaner off before removing handle from wands.

1. Press lock button, then pull to remove handle from wand.

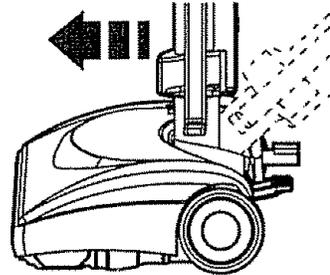
If your model has the optional feature of a handle release, press it in similarly.

2. Slide attachments firmly on handle as needed. See ATTACHMENT USE.



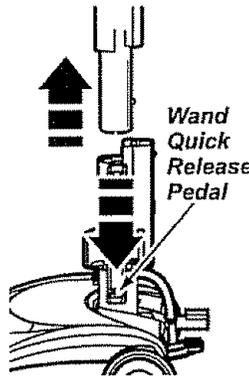
ATTACHMENTS ON WANDS SOME MODELS

1. To remove wands from POWER-MATE™, lock wands in straight-up position.

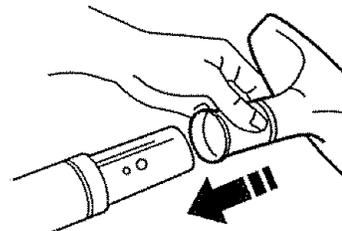


2. Press wand quick release pedal with foot and pull the wands straight up out of POWER-MATE™.

The POWER-MATE™ plug and cord do not have to be removed to use attachments on the wands.



3. Put attachments on wands as needed. See ATTACHMENT USE.



ATTACHMENT USE CHART

ATTACHMENT	CLEANING AREA						
	Furniture*	Between Cushions*	Drapes*	Stairs	Bare Floors	Carpeted Floors/Rugs	Walls
DUSTING BRUSH 	X		X				X
CREVICE TOOL 	X	X					
FABRIC BRUSH 	X		X				
FLOOR BRUSH (Some Models) 				X	X		X
POWER-MATE™ 					X**	X	
HANDI-MATE™ JR. (Some Models)*** 	X			X			
POWER-MATE™ JR. (Some Models)*** 	X			X			

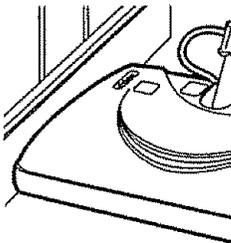
*Always clean attachments before using on fabrics. ** 3-way On/Off switch should be in FLOOR position.

*** HANDI-MATE™ JR. and POWER-MATE™ JR. attachment instructions are included with the products.

NOTE: When separating wands, depress lock button completely before pulling wands apart. If wand lock button is difficult to depress, push the two wands more tightly together to line up the lock button with the hole. Depress lock button and then pull wands apart.

PERFORMANCE FEATURES

EDGE CLEANER

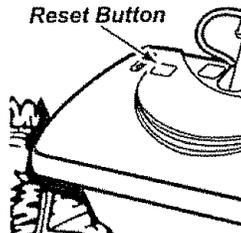


Active brush edge cleaners are on both sides of the POWER-MATE™. Guide either side of the POWER-MATE™ along baseboards or next to furniture to help remove dirt trapped at carpet edges.

OVERLOAD PROTECTOR

The POWER-MATE™ has built-in protection against motor and belt damage should the agitator jam. If the agitator slows down or stops, the overload protector shuts off the POWER-MATE™. The canister motor will continue to run.

Overload Protector Reset Button

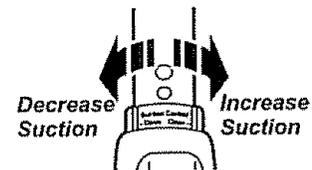


To correct problem: Turn off vacuum, remove obstruction, then press reset button.

To reset: Push in the overload protector button.

SUCTION CONTROL

The suction control allows you to change the vacuum suction for different fabric and carpet weights. Opening the control decreases suction for draperies and lightweight rugs, while closing the control increases suction for upholsteries and carpets.



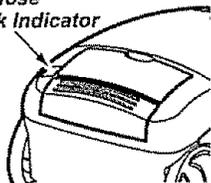
WARNING

Personal Injury Hazard

Always unplug the vacuum cleaner before cleaning the agitator area as brush may suddenly restart. Failure to do so can result in personal injury.

ELECTRONIC BAG/HOSE CHECK INDICATOR SOME MODELS

*Electronic
Bag/Hose
Check Indicator*



The light comes on whenever the airflow becomes blocked, dust bag needs changing or canister safety filter needs cleaning.

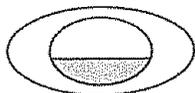
NOTE: The light may come on when using certain attachments, due to reduced airflow through attachment.

MECHANICAL BAG/HOSE CHECK INDICATOR SOME MODELS

When the unit is running, the indicator window will be green if there are no clogs.

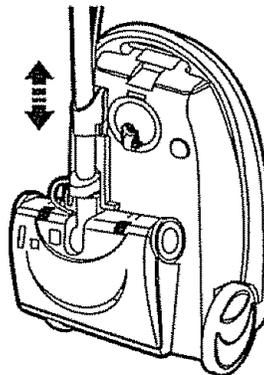
When the indicator turns completely red there is a need to check the dust bag for being full or the other areas that may be clogged. See **HOW YOUR VACUUM WORKS**.

NOTE: Red may appear when using attachments or when cleaning new carpet, due to reduced airflow by the attachments themselves or new carpet fuzz filling the bag quickly.



POWER-MATE™ STORAGE SOME MODELS

The lower wand has a "U" shaped flange in the area where the power cord attaches. The base has a "U" shaped slot near the front caster.



The flange allows the wands and POWER-MATE™ to be stored with the canister to conserve storage space. The canister must be stored on end for this feature to be used.

The wand will slip out of the slot as it is lifted up for use and will slide into the slot as it is lowered for storage.

The POWER-MATE™ must be in the flat position as shown in the illustration. Use the handle release pedal to place it in this position.

NOTE: You may save space by lowering the telescoping wand as shown in the **ASSEMBLY** section.



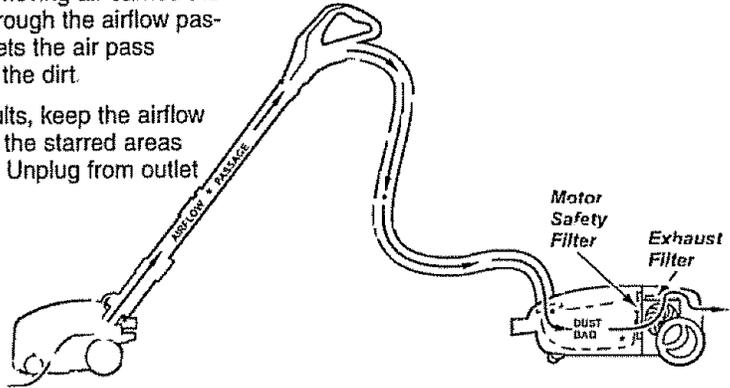
CAUTION

To prevent tip over, never leave POWER-MATE™ on or in the upright position with the wand fully extended. Moving the wand to a lower position and turning the handle to one side will make the POWER-MATE™ more stable and less likely to tip over.

HOW YOUR VACUUM WORKS

The vacuum cleaner creates suction that picks up dirt. Rapidly moving air carries the dirt to the dust bag through the airflow passages. The dust bag lets the air pass through, while it traps the dirt.

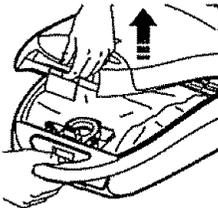
For best cleaning results, keep the airflow passage open. Check the starred areas occasionally for clogs. Unplug from outlet before checking.



CANISTER CARE

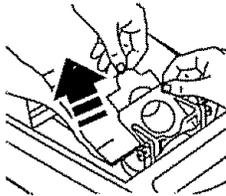
BAG CHANGING

For best cleaning results, the dust bag should be changed often. The electronic/mechanical bag/hose check indicator will come on when the bag needs to be changed or the airflow is blocked. **NOTE:** See PARTS AND FEATURES for Bag #.

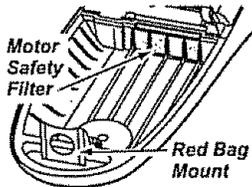


1. Unplug cord from wall outlet.
2. Remove hose from canister
3. Pull hood release out and up, then lift canister hood.

4. Disengage cardboard tab from red bag mount away and lifting up.



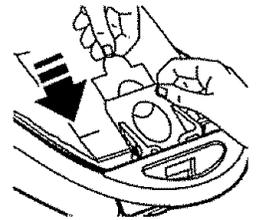
5. Pull bag out of the red bag mount.



6. Check and replace, if necessary, the motor safety filter.

7. The red bag mount will flip forward after removing bag. This will prevent the lid from closing until a new bag is installed.

8. Rotate red bag mount down and install bag into slots per illustrations pushing down until the cardboard tab locks into position and the holes align. Tuck the bag securely into the bag cavity so that none of it is able to be pinched by the hood.



9. Close and latch canister hood.

10. Reinstall hose.

11. Plug cord into wall outlet.

! CAUTION

NEVER REUSE A DUST BAG. Very fine materials, such as carpet freshener, face powder, fine dust, plaster, soot, new carpet lint, etc. can clog the bag and cause it to burst before it is full. Change bag more often when vacuuming these materials.

CLEANING EXTERIOR AND ATTACHMENTS

1. Unplug cord from wall outlet. **DO NOT drip water on cleaner.**
2. Clean exterior using a clean, soft cloth that has been dipped in a solution of mild liquid detergent and water, then wrung dry. Wipe dry after cleaning.
3. To reduce static electricity and dust build-up, wipe outer surface of cleaner and attachments.

DO NOT USE ATTACHMENTS IF THEY ARE WET.



CAUTION

Attachments used in dirty areas, such as under a refrigerator, should not be used on other surfaces until they are washed. They could leave marks.

MOTOR SAFETY FILTER CHANGING

Check motor safety filter occasionally and change when dirty.



WARNING

Electrical Shock Hazard

Unplug power cord from electrical outlet. Do not operate the cleaner without the motor safety filter. Be sure the filter is dry and properly installed to prevent motor failure and/or electrical shock.

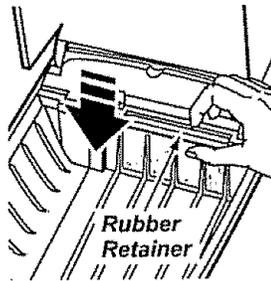
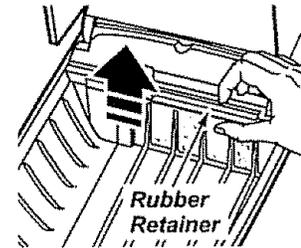
Remove the bag as outlined in the BAG CHANGING section.

MOTOR SAFETY FILTER ELECTROSTATIC

This white and grey filter must be replaced when dirty. It should be replaced regularly depending on use conditions. **The filter CANNOT be washed as it will lose its dust trapping ability.**

NOTE: Use motor safety filter #20-86883. In Canada, #20-86883C.

1. Lift the rubber retainer and pull out motor safety filter as shown.



2. Replace the filter, **white side out**, by sliding it back into place under the ribs in the bag cavity. Tuck filter in so that it fits completely under the rubber retainer.

3. Replace the bag as outlined in the BAG CHANGING section.



CAUTION

NEVER REUSE A DUST BAG. Very fine materials, such as carpet freshener, face powder, fine dust, plaster, soot, new carpet lint, etc. can clog the bag and cause it to burst before it is full. Change bag more often when vacuuming these materials.

EXHAUST FILTER CHANGING



WARNING

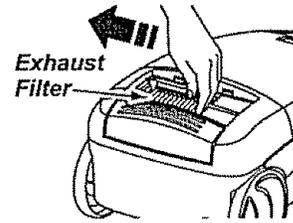
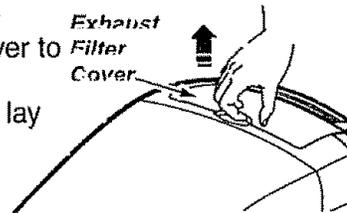
Fire and/or Electrical Shock Hazard
Do not operate with a clogged exhaust filter or without the exhaust filter or exhaust filter cover installed.

EXHAUST FILTER ELECTROSTATIC

The exhaust filter cartridge must be replaced when dirty. Replace the filter when the entire surface area is covered evenly. **The filter CANNOT be washed as it will lose its dust trapping ability.**

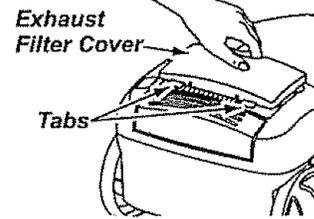
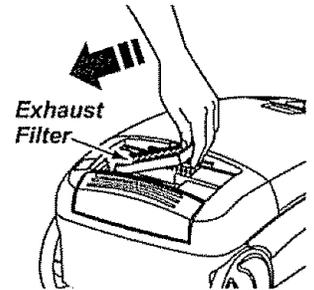
NOTE: Use exhaust filter #20-86882. In Canada, #20-86882C.

1. Pull up on the exhaust filter cover to remove from the motor cover and lay aside.



2. Slightly push the exhaust filter cartridge to the side, as shown in the illustration, and pull up to remove.

3. Replace the exhaust filter cartridge, carefully positioning it so that the side shown in the illustration goes down under the ribs. Then push the other side down until it snaps into place. Place the new filter into the motor cover with the **grey edge down**.



4. Replace the exhaust filter cover by engaging the two tabs on the rear and pushing down in front until it snaps closed.

POWER-MATE™ CARE

Always follow all safety precautions when cleaning and servicing the POWER-MATE™.



WARNING

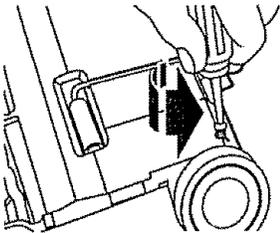
Electrical Shock Or Personal Injury Hazard

Disconnect electrical supply before servicing or cleaning the unit. Failure to do so could result in electrical shock or personal injury from cleaner suddenly starting.

BELT CHANGING AND AGITATOR CLEANING

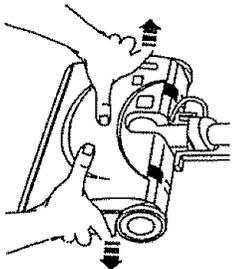
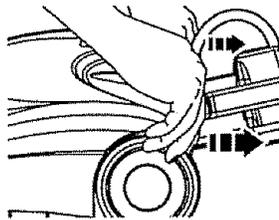
Disconnect cleaner from electrical outlet. Check and remove hair, string and lint build-up frequently in the POWER-MATE™ agitator and end cap areas. If build-up becomes excessive, disconnect POWER-MATE™ from wand and follow the steps below.

TO REMOVE BELT:



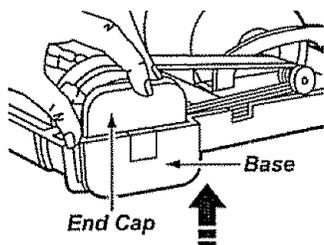
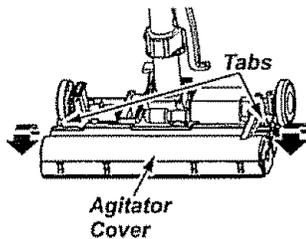
1. Turn POWER-MATE™ upside down.
2. Unscrew the two (2) POWER-MATE™ cover screws.

3. Turn POWER-MATE™ right side up. Press handle release pedal and lower the swivel. Lift rear latches up.



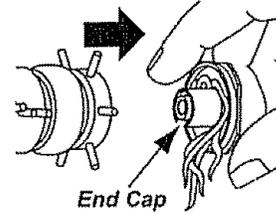
4. To remove cover, grasp the sides and pull out.

5. Depress tabs on rear of agitator cover and rotate forward to release from the POWER-MATE™ base.

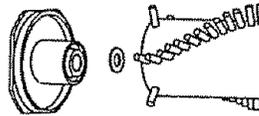


6. Lift agitator assembly out and remove worn belt.

7. Slide end caps off to check and clean end cap areas. See AGITATOR ASSEMBLY for picture of complete agitator assembly.



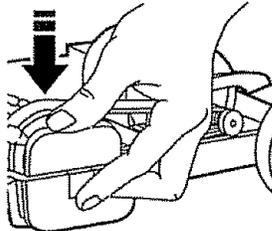
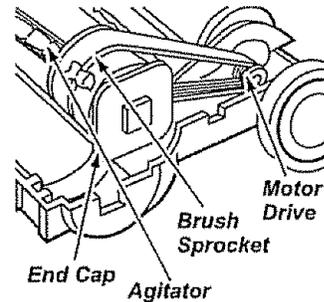
TO REPLACE BELT:



1. Slide washers and end caps onto agitator assembly.

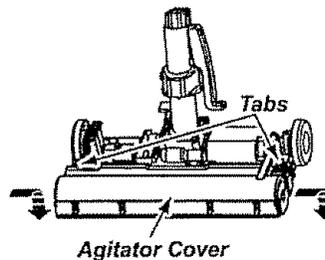
2. Install new belt over motor drive, then over brush sprocket.

NOTE: Use belt #20-5201. In Canada, #20-40979.

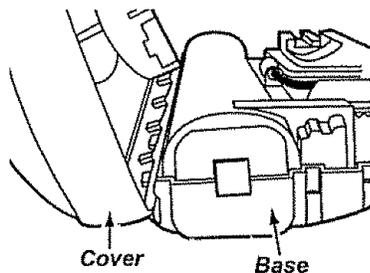


3. Place agitator assembly back into POWER-MATE™.

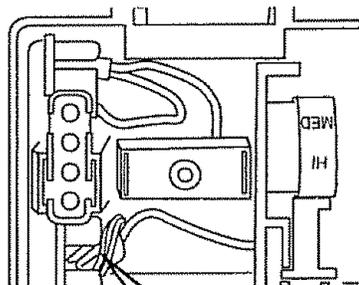
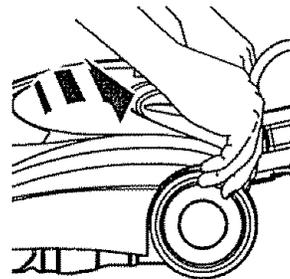
4. Reinstall agitator cover by lining up the front tabs and slots and rotating downward until the latches snap into place.



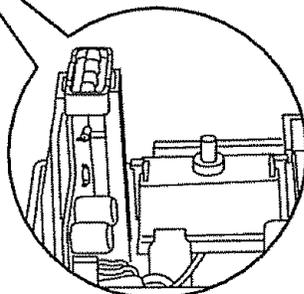
5. Line up front of cover and base. Rest cover on front edge of base as shown.



7. Tilt cover to back. Press cover firmly until side and rear tabs snap into place. Turn POWER-MATE™ upside down and replace two (2) cover screws.

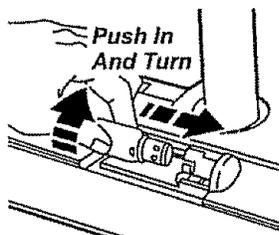


6. **NOTE:** On dirt sensor models be sure that the board is upright and the wires are tucked back as shown.

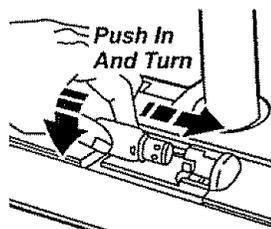


LIGHT BULB CHANGING

1. Remove POWER-MATE™ cover as shown in BELT CHANGING AND AGITATOR CLEANING section.



2. Push in and turn bulb counterclockwise, then pull out to remove.



3. Push in and turn bulb clockwise, to replace. Bulb must not be higher than 130 Volts/15 Watts.

4. Reinstall POWER-MATE™ cover as shown in BELT CHANGING AND AGITATOR CLEANING section.

NOTE: Use bulb #20-5240. In Canada, #596181.

AGITATOR SERVICING

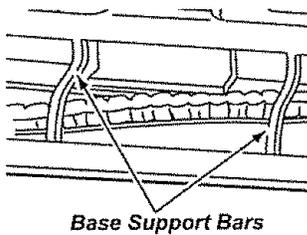


WARNING

Electrical Shock Or Personal Injury Hazard

Disconnect electrical supply before servicing or cleaning the unit. Failure to do so could result in electrical shock or personal injury from cleaner suddenly starting.

TO CHECK AGITATOR ASSEMBLY:

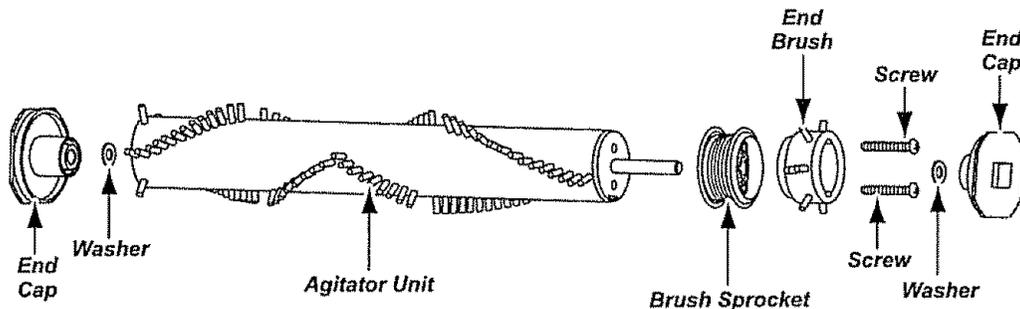


When brushes are worn to the level of the base support bars, replace the agitator assembly.

TO REPLACE AGITATOR ASSEMBLY:

1. Remove POWER-MATE™ cover, agitator cover, belt and agitator assembly. See "To remove belt" in BELT CHANGING AND AGITATOR CLEANING.
2. Remove end caps, washers, screws, end brush, and brush sprocket pieces from ends of old agitator assembly
3. Reassemble agitator assembly. To line up screw holes in dowel, sprocket and end brush, be sure all of the brush sprocket pieces align properly. See AGITATOR ASSEMBLY.
4. Reinstall belt, agitator assembly, agitator cover and POWER-MATE™ cover. See "To replace belt" in BELT CHANGING AND AGITATOR CLEANING.

AGITATOR ASSEMBLY



TROUBLESHOOTING

Review this chart to find do-it-yourself solutions for minor performance problems. Any service needed, other than those described in this owner's manual, should be performed by an authorized service representative.



WARNING Electrical Shock Hazard

Disconnect electrical supply before servicing or cleaning the unit. Failure to do so could result in electrical shock or personal injury.

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
Cleaner won't start.	<ol style="list-style-type: none"> 1. Unplugged at wall outlet. 2. Tripped circuit breaker/blown fuse at household service panel 3. Loose hose electrical connections 4. Tripped overload protector in canister. 	<ol style="list-style-type: none"> 1. Plug in firmly, push ON/OFF switch to ON 2. Reset circuit breaker or replace fuse 3. Reconnect hose ends, (page 7) 4. Clean agitator and end caps, then reset, (pages 12, 17-18).
Poor job of dirt pick-up.	<ol style="list-style-type: none"> 1. Full or clogged dust bag 2. Clogged airflow passages 3. Dirty filters. 4. Wrong pile height setting 5. Open suction control 6. Hole in hose. 7. Worn POWER-MATE™ agitator 8. Worn or broken belt 9. Dirty agitator or end caps 10. Canister hood open. 	<ol style="list-style-type: none"> 1. Change bag, (page 14) 2. Clear airflow passages, (page 14) 3. Change filters. (page 15-16) 4. Adjust setting, (page 9). 5. Adjust control. (page 12) 6. Replace hose 7. Change agitator, (page 19). 8 & 9. See BELT CHANGING AND AGITATOR CLEANING, (pages 17-18) 10. Close and latch hood.
Cleaner starts but cuts off.	<ol style="list-style-type: none"> 1. Hose or hood electrical connections 2. Tripped overload protector in POWER-MATE™ 3. Tripped overload protector in canister. 	<ol style="list-style-type: none"> 1. Check connections, reconnect hose ends, (page 7). 2. Remove any items that may be caught or jammed, then reset. If cleaner starts and stops again, clean agitator and end caps, then reset. (pages 12, 17-18). 3. Change dust bag, clear airflow blockage, (page 14) Wait up to 50 minutes for motor to cool and automatically reset.
POWER-MATE™ will not run when attached.	<ol style="list-style-type: none"> 1. POWER-MATE™ connections unplugged 2. Worn or broken belt 3. Dirty agitator or end caps 4. Tripped overload protector in POWER-MATE™ 5. Switch not in CARPET position. 	<ol style="list-style-type: none"> 1. Plug in firmly, (page 6). 2 & 3. See BELT CHANGING AND AGITATOR CLEANING, (pages 17-18) 4. Check agitator area for excessive lint build-up or jamming. Clean agitator and end caps, then reset, (pages 12, 17-18) 5. Move switch to CARPET position, (page 8).
Constant green light on in dirt sensor.	<ol style="list-style-type: none"> 1. Dirt passage is clogged 2. Lenses are dirty. 	<ol style="list-style-type: none"> 1. Check for clogs in air passages, (page 14). 2. Clean lenses, (page 10)
Any, some, or all red lights in dirt sensor burn and never turn green.	<ol style="list-style-type: none"> 1. Dirt passage is clogged 	<ol style="list-style-type: none"> 1. Check for clogs in air passages, (page 14)
No green or red dirt sensor lights.	<ol style="list-style-type: none"> 1. Switch not in CARPET position 2. No power to sensor board. 	<ol style="list-style-type: none"> 1. Move switch to CARPET position, (page 8) 2. Take to your nearest Sears Service Center.
Electronic/Mechanical Bag/Hose Check Indicator activates.	<ol style="list-style-type: none"> 1. Full or clogged dust bag 2. Dirty filters. 3. Blocked airflow passage 4. Certain attachment tools 	<ol style="list-style-type: none"> 1. Change bag, (page 14). 2. Change filters, (page 15-16) 3. Clear blockage from airflow passage, (page 14) 4. This is normal. Light should go off when tool is removed.
Cleaner picks up moveable rugs -or- POWER-MATE™ pushes too hard.	<ol style="list-style-type: none"> 1. Wrong pile height setting 2. Suction too strong 	<ol style="list-style-type: none"> 1. Adjust setting, (page 9) 2. Open suction control, (page 11)
Light won't work.	<ol style="list-style-type: none"> 1. Burned out light bulb. 	<ol style="list-style-type: none"> 1. Change light bulb, (page 18).
Cord won't rewind.	<ol style="list-style-type: none"> 1. Dirty power cord 2. Cord jammed. 	<ol style="list-style-type: none"> 1. Clean the power cord. 2. Pull out cord and rewind
Cleaner leaves marks on carpet.	<ol style="list-style-type: none"> 1. Wrong vacuuming pattern 	<ol style="list-style-type: none"> 1. See VACUUMING TIPS, (page 9)

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