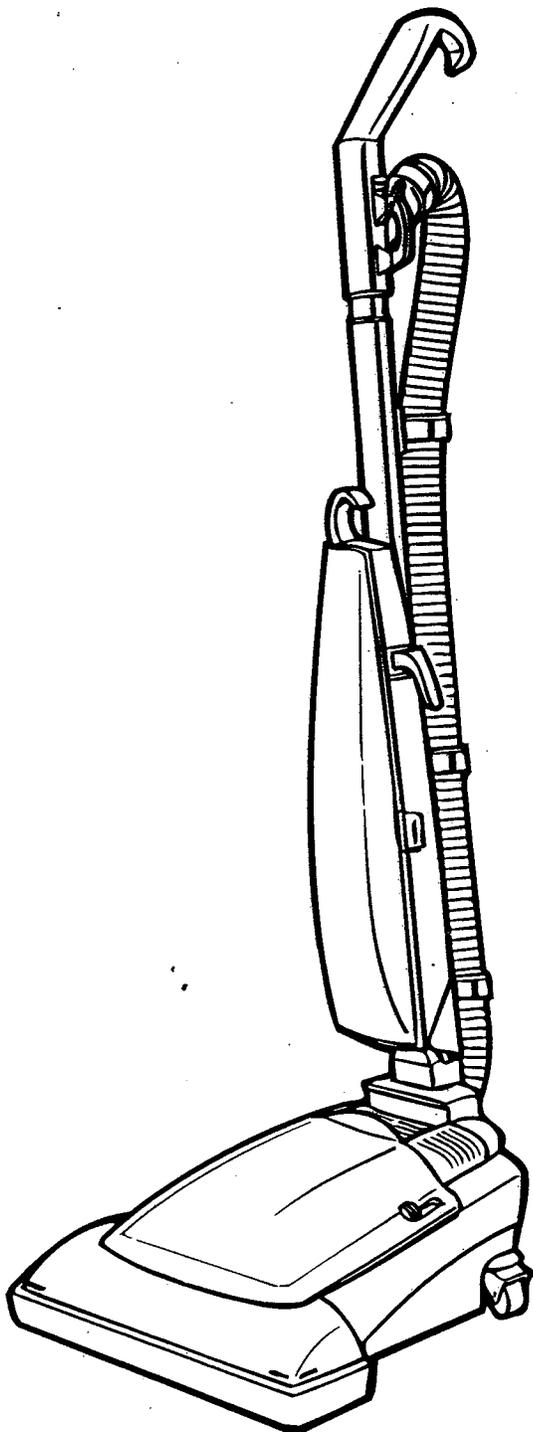




OWNER'S MANUAL
Operating and Servicing
Instructions



- Please read these instructions carefully before using your cleaner
- Let us help you put your cleaner together or answer any questions, call:
1-800-321-1134 (USA)
1-800-661-6200 (Canada)
web site: www.dirtdevil.com

For quick reference, please record your vacuum information below.

Model #: _____
Mfg. Code: _____

(This information is located on the underside of cleaner)

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9/98

CONGRATULATIONS

You are now the proud owner of the Dirt Devil cleaner with Power You Can See! We trust your new purchase will bring you many hours of satisfaction.

Our company designed and developed this product with you in mind. The powerful system delivers superior cleaning and has a clear dirt container for hassle-free emptying, eliminating the need to buy bags. It is a true all-surface cleaner due to the unique design that allows the brushroll to be deactivated for bare-floor cleaning then converts to a "canister style" vacuum for above-the-floor cleaning. A few extra features have been added for your convenience including the patented Swivel Casters, Power Edger™, and a Quick Cord Clip.

We are very proud of our products and hope that you are equally satisfied with their quality and performance.

**Thank you for your support of Dirt Devil products.
Visit our website at www.dirtdevil.com**

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LIMITED WARRANTY

To the consumer, Royal Appliance Mfg. Co. warrants this vacuum cleaner to be free of defects in material or workmanship commencing upon the date of the original purchase. Refer to your vacuum cleaner carton for the length of warranty and save your original sales receipt to validate start of warranty period.

If the vacuum cleaner should become defective within the warranty period, we will repair or replace any defective parts free of charge. The complete machine must be delivered prepaid to any ROYAL Authorized Sales & Warranty Service Station. Please include complete description of the problem, day of purchase, copy of original sales receipt and your name, address and telephone number. If you are not near a Warranty Station, call the factory for assistance at USA: 1-800-321-1134 / CANADA: 1-800-661-6200. Use only genuine Royal replacement parts.

The warranty does not include unusual wear, damage resulting from accident or unreasonable use of the vacuum cleaner. This warranty does not cover belts, brushes, bags, bulbs or fan damage. This warranty does not cover unauthorized repairs. This warranty gives you specific legal rights and you may also have other rights. (Other rights may vary from state to state in the USA).

CONSUMER INFORMATION

- THIS VACUUM IS INTENDED FOR HOUSEHOLD USE ONLY.

IMPORTANT SAFETY INSTRUCTIONS -- SAVE THESE INSTRUCTIONS

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

- READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE
- ALWAYS FOLLOW THESE SAFETY INSTRUCTIONS
- WARNING - FULLY ASSEMBLE CLEANER BEFORE OPERATING.

WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY

- Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
- Do not use outdoors or on wet surfaces.
- 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.
- Do not use with damaged cord or plug. If appliance 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 appliance over cord. Keep cord away from heated surfaces.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Do not handle plug or appliance 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.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Turn off all controls before unplugging.
- Use extra care when cleaning on stairs.
- Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Look on your vacuum cleaner and follow all label and marking instructions.
- Do not use an extension cord with this cleaner.
- Keep your hair, loose clothing, fingers, and all body parts away from moving parts; especially the revolving brush.
- Do not use the vacuum cleaner without Dirt Container and filter in place.
- Store the vacuum cleaner indoors. Put the vacuum cleaner away after use to prevent tripping accidents.
- When assembling the handle make sure all sections are securely fastened (or snapped) together before use.

Approved by the Vacuum Cleaner Manufacturer's Association Executive Committee, April 29, 1987.

WARNING: 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.

Your cleaner contains a **Thermal Protector** that turns off power to the motor to avoid overheating. If this happens, turn switch off and unplug the cleaner. Inspect the exhaust, inlet, hose, and filters for any blockage. After approximately 30 minutes the motor will have cooled and the vacuum will be ready to use.

NOTE: *The cleaner must remain unplugged during the 30 minute cooling period.*

NOTE: RETURN WARRANTY CARD TO REGISTER YOUR CLEANER

MAINTENANCE: Proper maintenance of your cleaner will assure continued effective cleaning performance.

1. Always use genuine Royal replacement parts.
2. Clean-out Dirt Container frequently.

Fig. 1

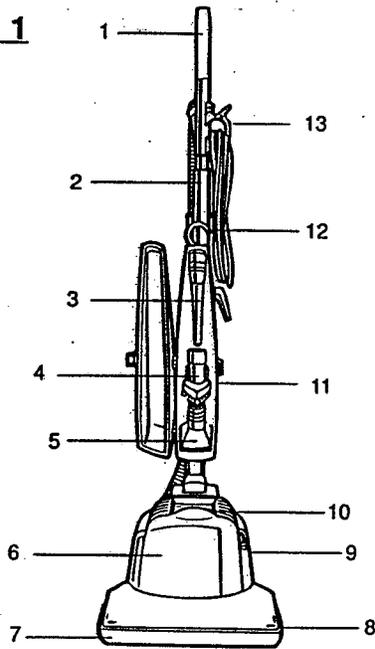


Fig. 3

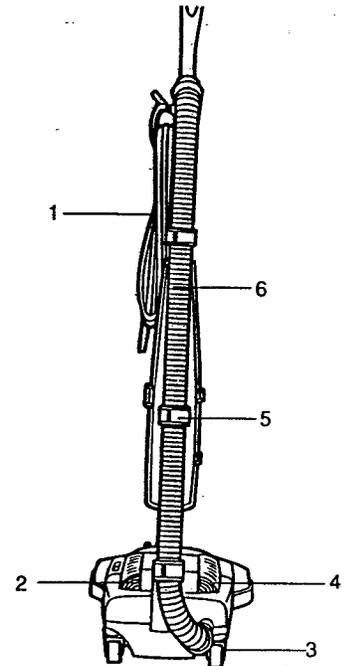
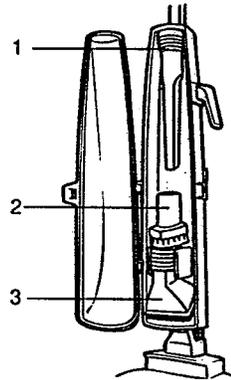


Fig. 2



FEATURES

Fig 1

- 1. Easy Hanging Handle
- 2. Handle (Extension Wands)
- 3. Crevice Tool
- 4. Power Edger™
- 5. 2-in-1 Tool - Dust Brush/Upholstery Tool
- 6. Dirt Container
- 7. Wrap Around Bumper
- 8. Power Edger™ Slots
- 9. Bare Floor/Carpet Cleaning Selector
- 10. Exhaust Filter
- 11. Removable Tool Caddy
- 12. Tool Caddy Storage Hook
- 13. Quick Cord Clip

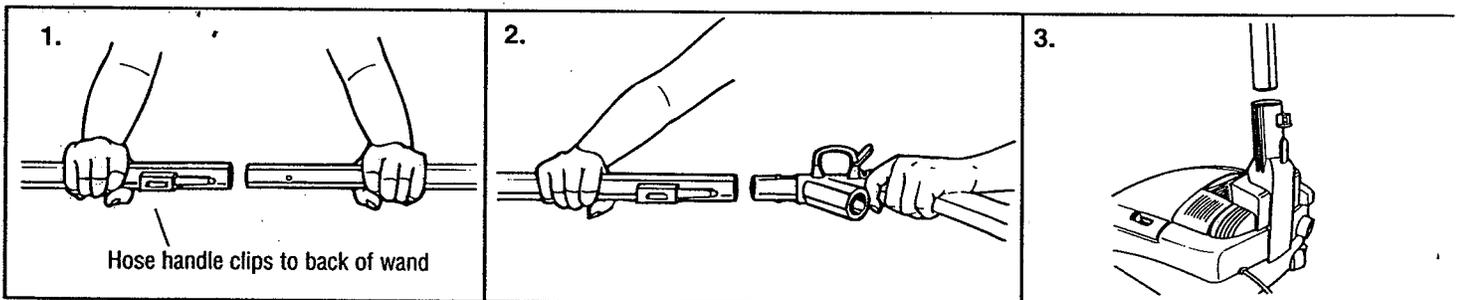
Fig. 2

- 1. Crevice Tool
- 2. Power Edger™ Tool
- 3. 2-in-1 Tool- Dust Brush/Upholstery Tool

Fig. 3

- 1. Long Power Cord
- 2. On/Off Pedal
- 3. Swivel Casters
- 4. Handle Release Pedal
- 5. Hose Attachment Rings
- 6. Stretch Hose

HOW TO ASSEMBLE

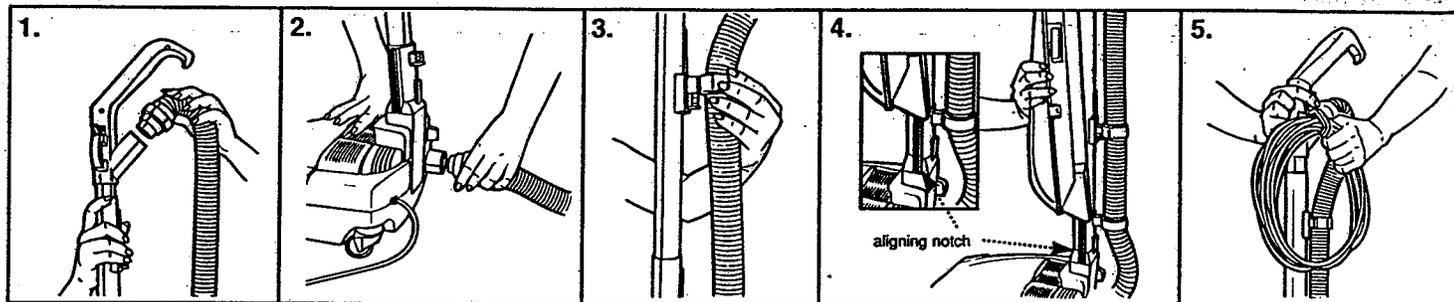


HOW TO ASSEMBLE

- 1. Remove the cleaner nozzle, two wands and handle grip from the box.
- 2. Slide two wands together until they latch (they only fit together one way) (Diagram 1). Hose handle clips to back of wand.
- 3. Place handle grip into the wand you just assembled and snap into place (Diagram 2).
- 4. Slide lower portion of handle assembly into the handle pivot on top of the vacuum base and snap into place. (Diagram 3).

Warning: Make sure all handle pieces are securely fastened prior to use.

HOSE ASSEMBLY AND TOOL STORAGE



HOSE ASSEMBLY

1. Slide one end of hose into the handle and twist clockwise to lock. (Diagram 1).
2. Slide other end of hose into the rear of the nozzle on the right side and twist clockwise to lock. (Diagram 2).
3. Attach three hose anchors to handle clips on back of handle to hold hose in place. (Diagram 3).

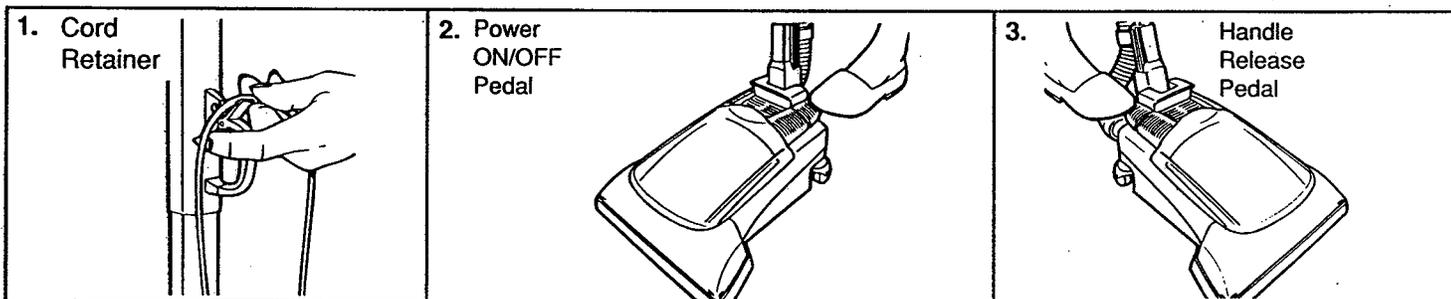
ATTACH TOOLS

1. Align bottom of Tool Caddy to grooves on sides of handle. Snap top of Caddy in place and slide down on the handle pivot. Tool Caddy includes: Crevice tool, power edger, and 2-in-1 tool (Diagram 4).
2. The hook on the Tool Caddy allows unit to hang in closet when not in use.

QUICK CORD RELEASE

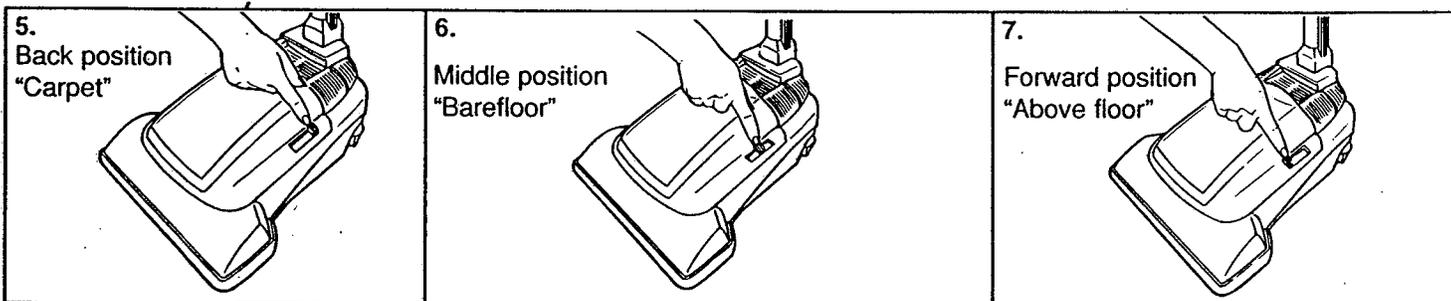
1. Loosely wrap cord in hand. Press Quick Cord Clip, located on the left side of upper handle, and insert top portion of wrapped cord into clip. (Diagram 5).

HOW TO OPERATE



HOW TO OPERATE

1. Plug cord into electrical outlet and clip cord into cord retainer provided on upper handle. Your cord will stay up and out of your way while you vacuum. (Diagram 1).
2. Turn cleaner on by using the power switch foot pedal, located on the left side of the nozzle. Depress foot pedal once to turn "on". Depress foot pedal again to turn the cleaner "off". (Diagram 2).
3. To put handle in the operating position, place foot on the handle release foot pedal, located on the right side of nozzle and lower handle (Diagram 3).



BAREFLOOR/CARPET CLEANING

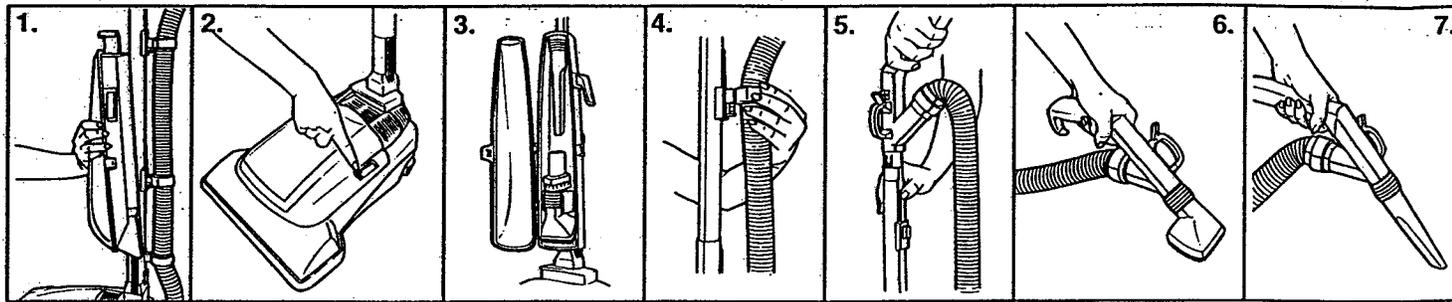
The selector on the top of the cleaner is for adjusting to and from carpet and bare floor cleaning.

Important: Turn cleaner "ON" to select "Barefloor/Carpet" position.

5. Back position - Activates brush roll for "Carpet" cleaning. (Diagram 5).
6. Middle position - Stops brush roll for "bare floor" cleaning. (Diagram 6).
7. Forward position - Closes nozzle for above floor cleaning. (when using tools) (Diagram 7).

CAUTION: Do not use without Dirt Container and Filter in place.

HOW TO OPERATE cont.



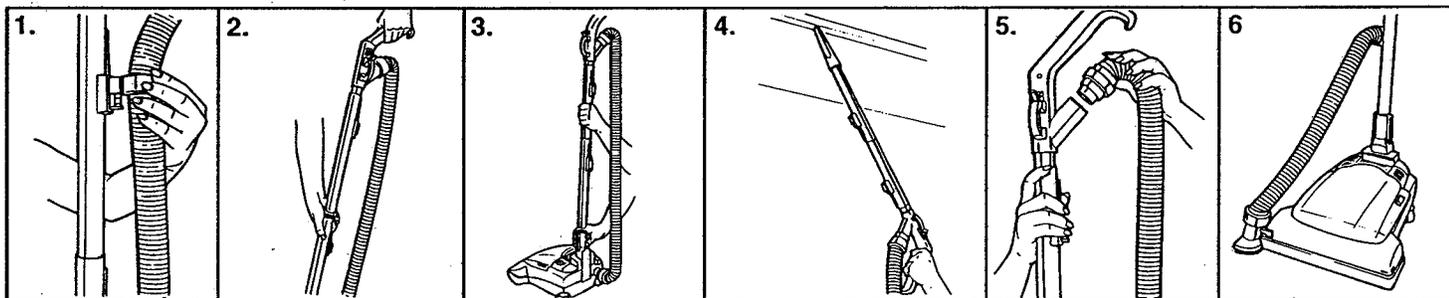
ABOVE FLOOR CLEANING

Important: Turn cleaner "ON" to select "Barefloor/Carpet" position.

1. (Optional) Remove the tool caddy before using the power edger and extension tools. (Diagram 1).
2. Forward position closes the nozzle for above floor cleaning. (Diagram 2).
3. Open Tool Caddy to retrieve tools. Top: Crevice Tool, middle: Power Edger Tool™, bottom: 2-in-1 Brush Tool (Diagram 3).

CREVICE TOOL AND 2-IN-1 TOOL

1. Unclip the top hose clip from the hose anchor on the wand (Diagram 4)
2. Remove upper handle by pressing the tab on the back side of the wand to unlatch; Pull up to remove. (Diagram 5).
3. Choose either of the handy accessories. Simply push the attachment firmly onto the end of the hose handle. To remove tool, twist and pull apart gently. (Diagram 6 and 7). NOTE: Brush slides off 2-in-1 to use for upholstery cleaning.



EXTENSION WAND TOOL

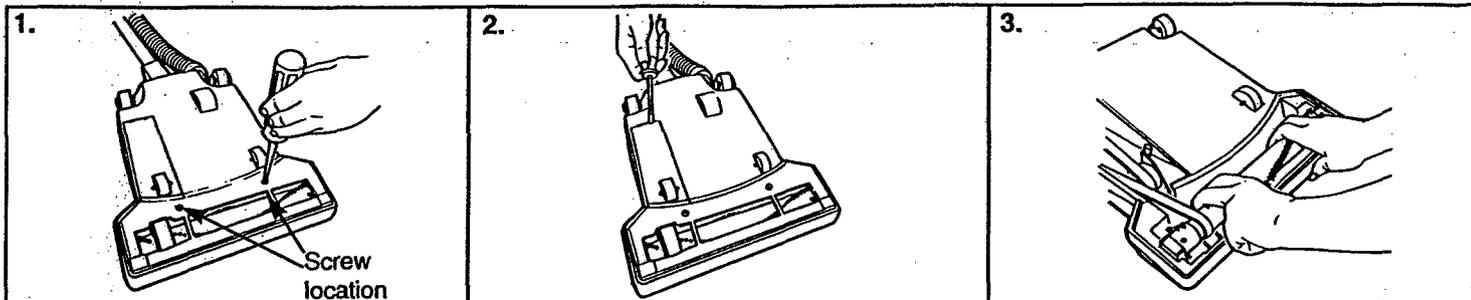
1. Unclip the hose clip from the hose anchor on the wand (Diagram 1).
2. To use the extension wand, remove the handle at the desired length by pressing the tab to unlatch the wand, either at the base of the vacuum or in the middle of the handle (Diagram 2 and 3).
3. If you choose to use an additional tool, push the attachment firmly onto the end of the wand (Diagram 4).
4. When the brush roll is deactivated and the extension wand is used with the attachments- The vacuum functions as a canister style vacuum.

FOR HANDS FREE EDGE CLEANING:

1. Remove the top of the hose from the handle (Diagram 5), and the hose clip from the top hose anchor on the wand (Diagram 1).
2. Remove Power Edger™ from the Tool Caddy. Insert Power Edger into desired power edger slot at front of nozzle. Slide hose end onto Power Edger™. Glid the cleaner against walls and baseboards for superior edge cleaning (Diagram 6).

CAUTION: Do not use without Dirt Container and Filter in place.

BELT OR BRUSH ROLL REMOVAL & REPLACEMENT



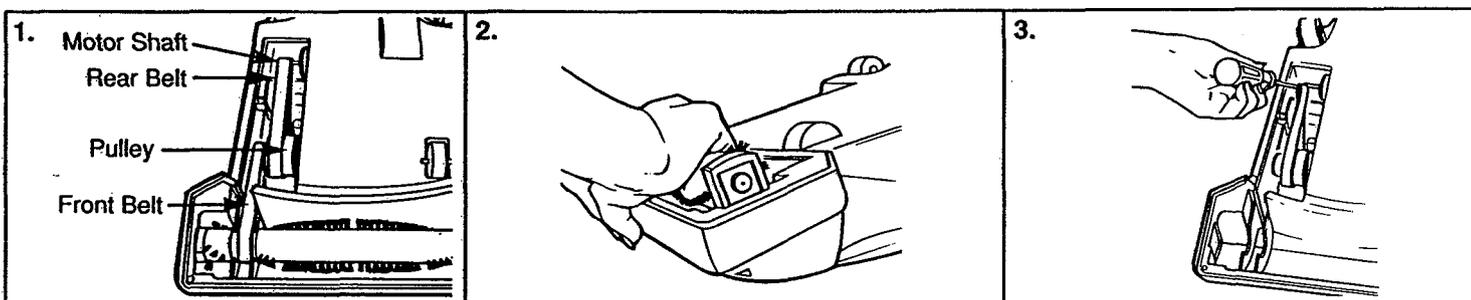
BELT OR BRUSH ROLL REMOVAL & REPLACEMENT

WARNING: TO REDUCE THE RISK OF INJURY FROM MOVING PARTS - UNPLUG BEFORE SERVICING.

Tool required: Phillips screwdriver and flat head screwdriver

TO REMOVE BELT OR BRUSH ROLL:

1. Turn cleaner over. Nozzle base should lay flat and face up (Diagram 1). To remove nozzle guard, use phillips screwdriver to remove two screws. Arrows in diagram 1 show location of screws. Gently pop nozzle guard off with tip of flat head screwdriver (Diagram 2). Pull up and out on rear of nozzle guard.
2. Lift and remove brush roll (Diagram 3).



BELT OR BRUSH ROLL REMOVAL & REPLACEMENT

NOTE: This cleaner uses 2 belts. One is connected from the stop brush pulley to the brush, and the other is from the motor to the pulley.

(Diagram 1)

TO REPLACE BELT OR BRUSH ROLL:

FRONT BELT:

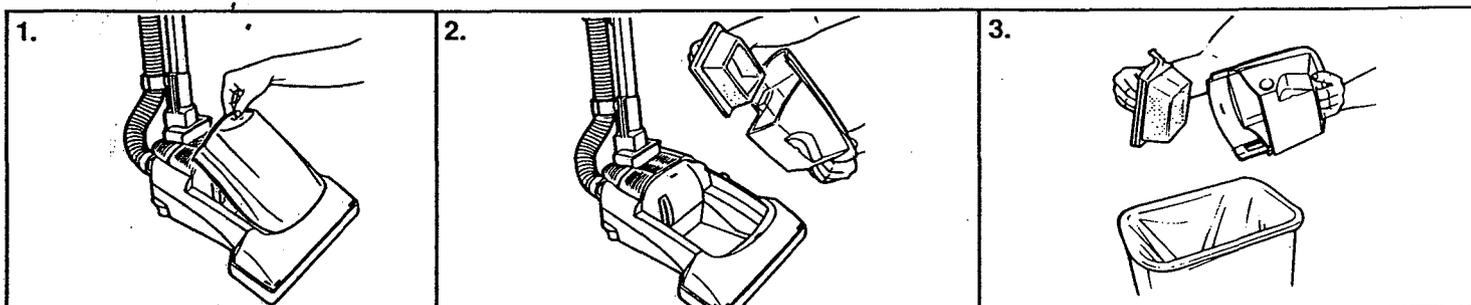
1. To replace the front belt, loop belt around pulley. Place belt onto brush roll.
2. Pull and insert brush roll into holder with flat brush endcap edge facing out. Rotate brush roll manually to make sure belt is not twisted (Diagram 2).

REAR BELT:

3. To replace the rear belt, remove the front belt first then remove rear belt. Place the new belt around the middle pulley, use a flat head screwdriver to place the belt around the rear motor shaft (Diagram 3). (Do NOT use a phillips screwdriver to do this) Replace front belt.
4. Replace nozzle guard. Match the front tabs to the slots on the nozzle base. Push firmly on top end of nozzle guard to fit into place. Secure by replacing screws.

**BELT
STYLE: 8**

DIRT CONTAINER REMOVAL & REPLACEMENT



CLEANING DIRT CONTAINER & FILTER

WARNING: TO REDUCE THE RISK OF INJURY FROM MOVING PARTS - UNPLUG BEFORE SERVICING.

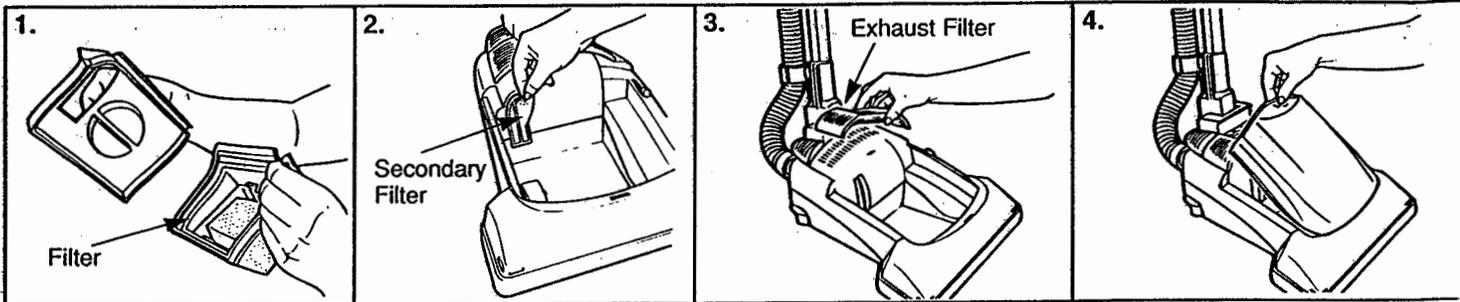
REMOVE & EMPTY DIRT CONTAINER: For best results empty dirt container after each use.

1. Remove dirt container by lifting from the back. Pull dirt container straight up and out of nozzle to empty and clean (Diagram 1).
2. Pull filter out of dirt container (Diagram 2) and shake dirt from filter (Diagram 3).

CLEANING DIRT CONTAINER:

1. Use a sponge and lukewarm water to wipe compartment clean.

FILTER REMOVAL & REPLACEMENT



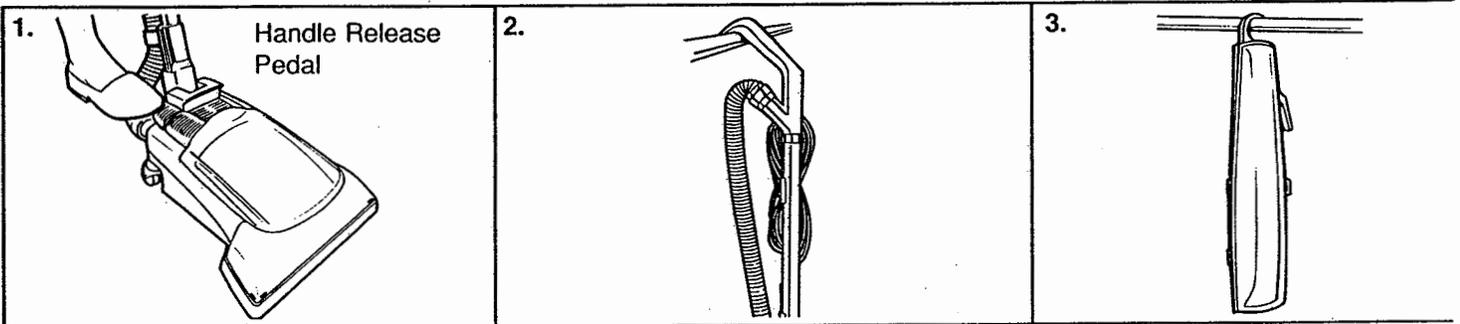
FILTER REMOVAL & REPLACEMENT

WARNING: TO REDUCE THE RISK OF INJURY FROM MOVING PARTS - UNPLUG BEFORE SERVICING.

REMOVE & CLEAN OR REPLACE FILTER:

1. To replace filter-remove filter frame from filter. Discard old filter. Reattach new filter to filter frame before placing back into dirt container (Diagram 1).
2. Filter replacements can be ordered by calling toll free 1-800-321-1134. Filter part# 3-480230-001. Exhaust Filter part # 3-480480-001 .
3. With dirt container removed, (the Secondary Filter in the small opening in the back can be removed and cleaned). (Diagram 2). The exhaust filter on the top of the cleaner can also be removed and cleaned with the dirt container removed. (Diagram 3).
4. Place the tab on the front of the dirt container in the hole on the front of the cleaner when returning the dirt container to its position. (Diagram 4).

TOOL AND VACUUM STORAGE



TOOL AND VACUUM STORAGE

1. For easy storage release handle by depressing the handle release foot pedal, on the right side of nozzle, (Diagram 1).
2. The upper handle grip allows this unit to hang flat in a vertical position (Diagram 2).
3. The hook on the Tool Caddy allows unit to hang in closet when not in use. (Diagram 3).

TROUBLE SHOOTING GUIDE

PROBLEM	POSSIBLE REASON	POSSIBLE SOLUTION
Cleaner won't run	<ol style="list-style-type: none"> 1. Motor Protector tripped 2. Power cord not firmly plugged into outlet. 3. Needs Service. 4. No power in wall plug. 	<ol style="list-style-type: none"> 1. Motor overheating - Pg. 3 2. Plug unit in firmly. 3. Take to service center or call 1-800-321-1134. 4. Check fuse or breaker. Replace fuse/reset breaker. Or flip outlet switch.
Cleaner won't pick-up or low suction	<ol style="list-style-type: none"> 1. Brushroll turned off. 2. Dirt Container full and/or filter clogged. 3. Brush roll worn. 4. Broken or worn belt. 	<ol style="list-style-type: none"> 1. Turn Brush roll on. Pg. 5 2. Empty Dirt Container and/or clean filter - Pg. 7 3. Replace brush roll - Pg. 7 4. Replace belt - Pg. 7
Dust escaping from cleaner	<ol style="list-style-type: none"> 1. Dirt Container full and/or filter clogged. 2. Dirt Container not installed correctly. 3. Dirt Container cracked. 4. No Dirt Container in cleaner. 	<ol style="list-style-type: none"> 1. Empty Dirt Container and/or clean filter - Pg. 7 2. Review Dirt Container installation - Pg. 7 3. Replace Dirt Container. 4. Install Dirt Container.

IMPORTANT: UNPLUG CLEANER BEFORE SERVICING

CUSTOMER SERVICE: In the event that further assistance is required, see your Yellow Pages for an authorized Royal Dealer. Costs of any transportation to and from a place of repair are to be paid by the owner. The service parts used in this unit are easily replaced and readily available from an authorized Royal Dealer or retailer. Always identify your cleaner by the model number and manufacturer code when requesting information or ordering replacement parts. (The model number MFG code appears on the bottom of the cleaner.)