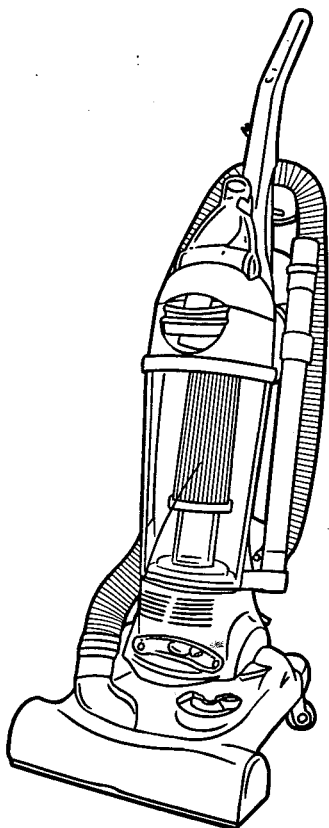




OWNER'S MANUAL
Operating and Servicing
Instructions



- Please read these instructions carefully before using your cleaner.
- Let us help you put your vacuum together or answer any questions, call:

1-800-321-1134
(USA & Canada)
www.dirtdevil.com

⚠ WARNING:

**Cleaner assembly may include small parts.
Small parts can present a choking hazard.**

For quick reference, please record your vacuum information below.

Model #: _____

Mfg. Code: _____

(Mfg. code located on the lower backside of cleaner)

THIS CLEANER IS INTENDED FOR HOUSEHOLD USE ONLY.

IMPORTANT SAFETY INSTRUCTIONS

When you use an appliance, basic precautions should be followed, including the following:

- **READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE.**
- **ALWAYS FOLLOW THESE SAFETY INSTRUCTIONS.**
- **BRING CLEANER TO UPRIGHT POSITION WHEN USING THE HOSE AND ATTACHMENTS.**
- **DO NOT LEAVE CLEANER UNATTENDED WHEN PLUGGED IN.**
- **REGULARLY CHECK THE FILTERS TO CLEAN OR REPLACE.**
- **WARNING: DO NOT USE SHARP OBJECTS TO CLEAN OUT THE HOSE SINCE THEY COULD CAUSE DAMAGE.**
- **OCCASIONALLY REMOVE BRUSH AND CLEAN DEBRIS FROM END CAPS TO KEEP BRUSH ROTATING SMOOTHLY.**
- **WARNING: THE CORDS, WIRES, AND/OR CABLES SUPPLIED WITH THIS PRODUCT CONTAINS CHEMICALS, INCLUDING LEAD OR LEAD COMPOUNDS, KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. WASH HANDS AFTER USING.**

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE.

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. Electrical shock could occur.
- 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 for inspection. Call 1-800-321-1134 for the nearest service center.
- Do not pull or carry by cord, use cord as 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 objects into openings. 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 pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use without dirt container and filters in place.
- 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.
- Keep the vacuum cleaner on the floor. Only the hand-held vacuum cleaners may be set on furniture.
- Cleaner must be in the upright position to lift the rotating brush off the carpet when doing above floor cleaning.
- Do not use an extension cord with this vacuum cleaner.
- Store the vacuum cleaner indoors. Put the vacuum cleaner away after use to prevent tripping accidents.
- Using improper voltage may result in damage to the motor and possible injury to the user. Proper voltage is listed on the cleaner plate.
- Unplug before connecting Turbo Tool.

SAVE THESE INSTRUCTIONS

WARNING:

To reduce the risk of electric shock, this appliance has a polarized plug (one blade 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

You are now the proud owner of a Dirt Devil®. We trust your new purchase will bring you many years of satisfaction.

Our company designed and developed this product with you in mind.

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

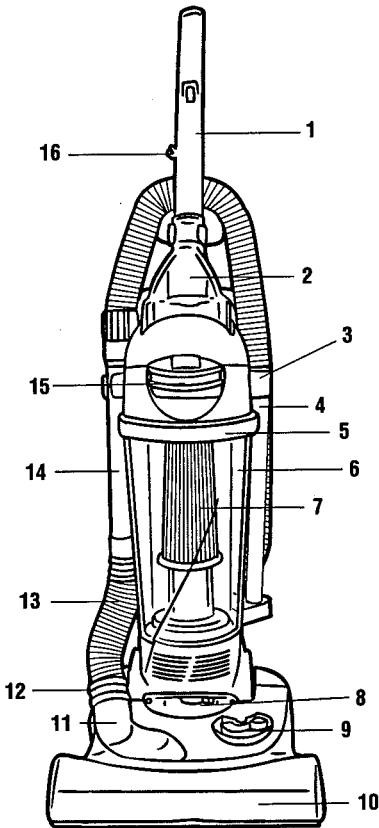
To the consumer, Royal Appliance Mfg. Co. warrants this vacuum cleaner to be free of defects in material or workmanship commencing upon the date of the original purchase. Refer to your vacuum cleaner carton for the length of warranty and save your original sales receipt to validate start of warranty 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 & Canada: 1-800-321-1134. 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 brushes, flat belts, filters and bulbs. 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).

FEATURES

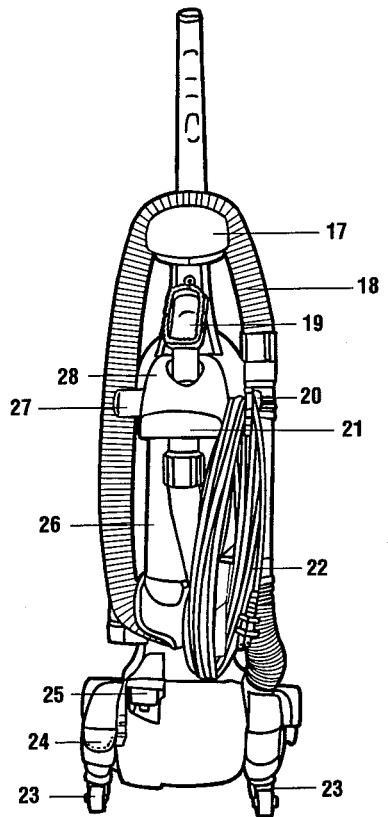
FRONT VIEW



FRONT VIEW

1. Handle
2. Turbo Tool
3. Crevice Tool (inside extension wand)
4. Extension Wand
5. Dirt Cup Lid
6. See Through Dirt Cup
7. Dirt Cup Filter
8. Headlight
9. Height Adjust Lever
10. Bumper
11. Clear Dirt Path Window
12. Lower Hose Cuff
13. Lower Hose
14. Hose Wand
15. Dirt Cup Release Latch
16. Cord Guide

BACK VIEW



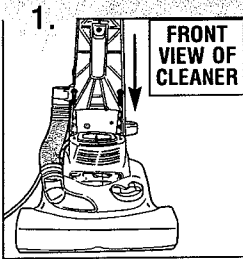
BACK VIEW

17. Hose Caddy
18. Hose
19. Dust Brush
20. Cord Wrap with Quick Cord Release
21. Carrying Handle
22. Long Power Cord
23. Swivel Casters™
24. Handle Release Pedal
25. On/Off Pedal
26. Back Panel
27. Hose Clip
28. Upper Tool Caddy

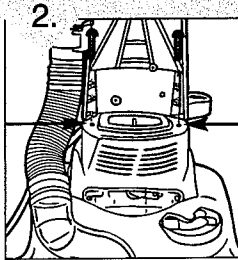
HOW TO ASSEMBLE

TOOL REQUIRED: PHILLIPS OR FLAT HEAD SCREWDRIVER

BODY TO NOZZLE

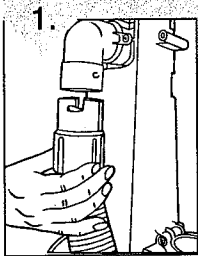


Slide the back panel onto base.

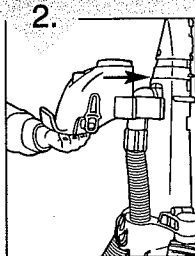


To secure, insert two (2) screws into the front of the back panel.

UPPER TOOL CADDY (BACK)

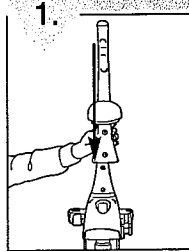


Slide end of long hose onto back panel dirt tube. Turn counterclockwise to secure.

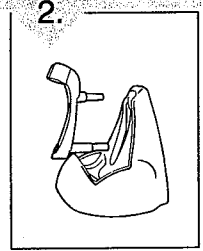


Align carry handle holes with holes on back panel. Slide handle forward. Insert two (2) screws into the holes and tighten until secure.

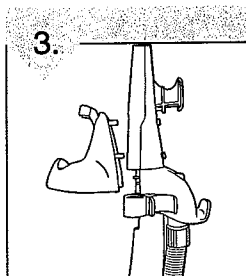
HANDLE (BACK) AND TURBO TOOL CADDY (FRONT) ASSEMBLY



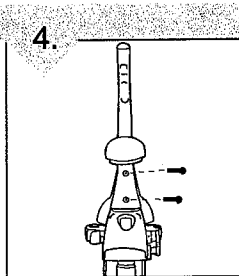
Place upper handle onto upright.



Attach turbo tool clip into turbo tool caddy.



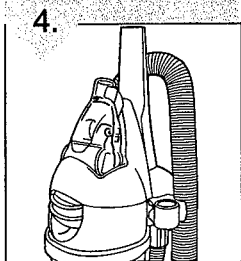
Place turbo tool caddy onto the **front** of the vacuum midsection.



Insert the two (2) screws into the **back** of the handle and tighten, making sure the tool caddy is attached.

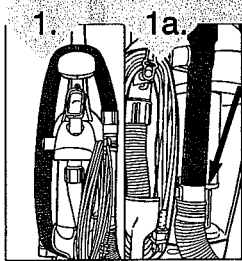
HOW TO ASSEMBLE CONTINUED

INSTALL TURBO TOOL



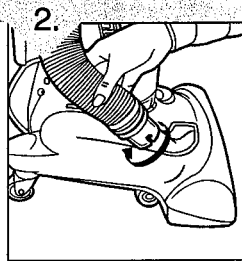
Clip turbo tool onto the front of the turbo tool caddy.

SECURE BACK HOSE



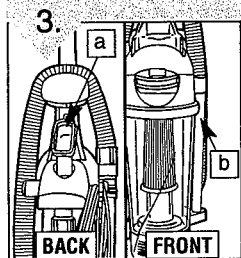
Wrap hose around back of hose caddy (Diagram 1). Push hose wand down into the right side of cleaner (Diagram 1a).

SECURE SIDE HOSE



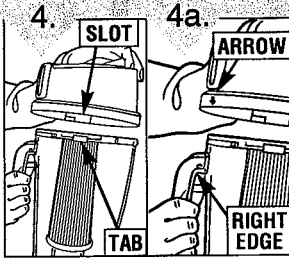
Align tabs on clear dirt passage window with the slots on the lower hose cuff. Push and turn hose clockwise until secure.

TOOL STORAGE



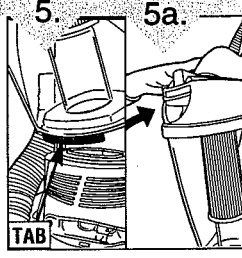
Attach tools: (a) Slide the dust brush onto post on the upper tool caddy with bristles facing out. (b) Slide the extension wand/crevice tool into round slot on the front right side of tool caddy.

INSTALL DIRT CUP LID



Align slots on lid with tabs on cup (Diagram 4). Push the lid down and twist clockwise. **NOTE:** There is a guide arrow on back of lid. Align arrow with right edge of dirt cup handle and turn clockwise until secure (Diagram 4a).

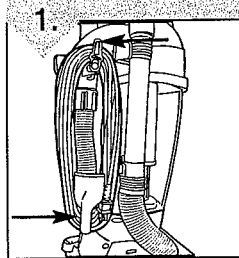
INSTALL DIRT CUP



Set aligning tab on bottom of dirt cup into rectangular slot on cleaner (Diagram 5), and push to snap into place (Diagram 5a).

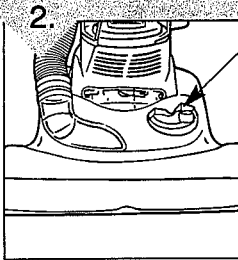
HOW TO OPERATE

CORD RELEASE



Turn Quick Cord Release for easy cord removal. Store cord in cord guide (see Features - pg. 5) to keep out of the way while vacuuming.

HEIGHT ADJUST LEVER

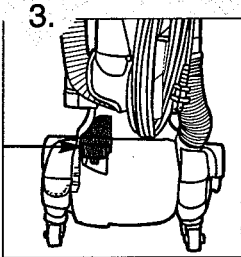


Slide the height adjust lever to match the surface being cleaned. **IMPORTANT:** FOR EASIEST ADJUSTMENT, PLACE CLEANER IN FULL UPRIGHT POSITION.

HOW TO OPERATE CONTINUED

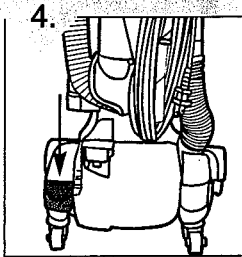
CAUTION: Brush agitator continues to rotate while hose is removed or in use and at all times while cleaner is on. Keep hair, loose clothing, fingers, and all parts of body away from brush area while cleaner is on. Cleaner must be in the upright position to lift the rotation brush off the carpet when cleaning above the floor.

ON/OFF PEDAL



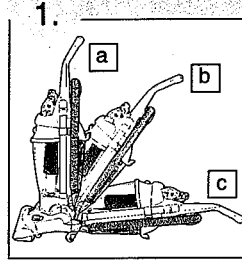
Plug cord into electrical outlet. Turn cleaner on by depressing foot pedal located on the back left side of the cleaner.

HANDLE RELEASE PEDAL



To release handle, push the handle release pedal located on the lower left side of the cleaner.

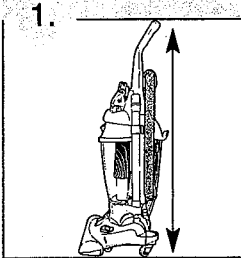
FLOOR/CARPET CLEANING



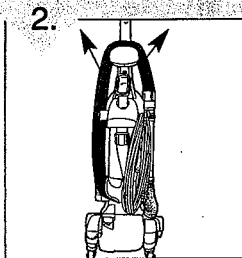
Move the handle and adjust it to the desired position for (a) storing the upright, (b) operating the cleaner, and (c) de-press the handle release pedal again to

clean under furniture. **NOTE:** Rotating brush could cause area rug fringe to become tangled within cleaner. Use caution when vacuuming throw rugs with fringe.

ABOVE FLOOR CLEANING



Cleaner must be in its upright position to raise brushroll.



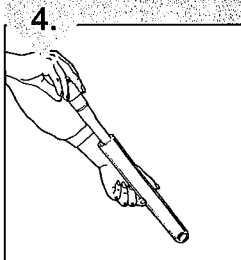
Remove the hose from the tool caddy.



remove tool, twist and pull apart gently.

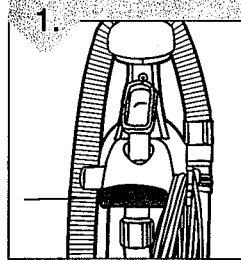
Choose any of the handy accessories or use the hose alone. Simply push the attachment firmly onto the end of the wand or hose handle. To

EXTENSION WAND



If additional length is needed, use the extension wand and crevice tool. Pull crevice tool out of extension wand. Use extension wand and crevice tool together or separately.

CARRY HANDLE



Use the carry handle on the back of the cleaner to move the cleaner from room to room. **NOTE:** Do not push cleaner forward while leaning on back casters. Do not pull cleaner back on casters.

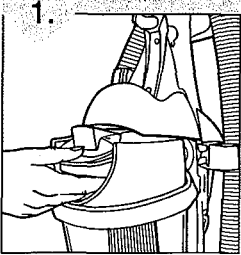
DIRT CUP & HEPA FILTER: REMOVAL & REPLACEMENT

WARNING: TO REDUCE THE RISK OF INJURY FROM MOVING PARTS - UNPLUG BEFORE SERVICING.
For filter replacement (Part # 2-JC0280-000) please call 1-800-321-1134 or visit www.dirtdevil.com to locate a dealer nearest you.

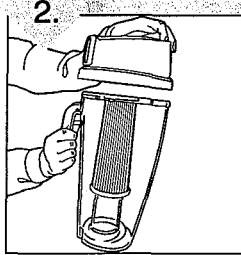
NOTE: Unplug cleaner before changing filter.

NOTE: For best performance, replace filter yearly.

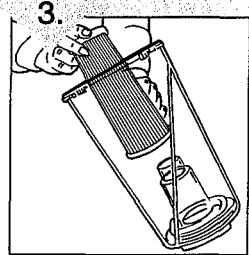
EMPTY AND CLEAN DIRT CONTAINER



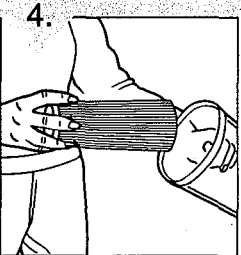
1. Depress latch to remove dirt cup from cleaner.



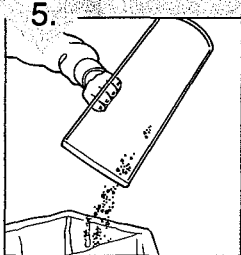
2. Remove lid by grasping dirt cup handle and turning lid counterclockwise.



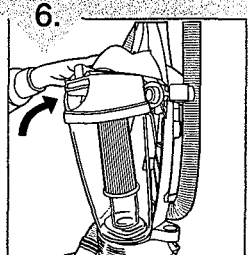
3. Hold the dirt cup and grasp the top of filter.



4. Twist and pull the filter up and out.



5. Clean filter and empty dirt container completely. See "Regular Maintenance" note below for instructions on cleaning the filter.



6. Return filter to dirt container. Push filter into place to prevent dirt leakage. Return dirt container to cleaner (see Page 7, Install Dirt Cup).

***REGULAR MAINTENANCE:** Each time the dirt cup is emptied, the filter should be cleaned. Tap the filter firmly against the inside of a trash can until the dirt stops falling from the filter. (Filter will be discolored after use, this will not affect the filter's performance.) Do not brush the filter. The cleaning instructions may vary depending on the dirt conditions. In some cases, more or less cleaning of the filter may be required. It is recommended that the HEPA filter Part # 2-JC0280-000 be replaced once per year. Please use reminder label located on filter cap to record replacement date.

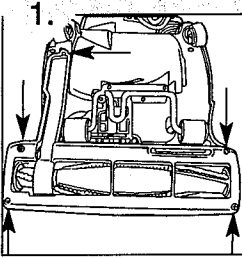
BELT OR BRUSH REMOVAL & REPLACEMENT

TOOL REQUIRED: PHILLIPS SCREWDRIVER

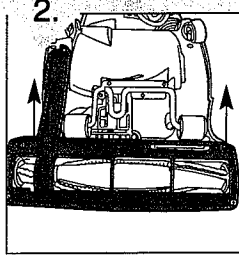
WARNING: TO REDUCE THE RISK OF INJURY FROM MOVING PARTS - UNPLUG CLEANER BEFORE CHANGING BELT OR BRUSHROLL.

TO REMOVE BELT

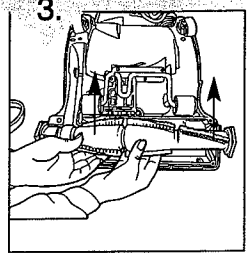
BELT STYLE 10



Lay cleaner flat and flip cleaner to expose nozzle base. Base should lay flat and face up. To remove nozzle guard, use Phillips screwdriver to remove the five (5) screws. Arrows show location of screws.

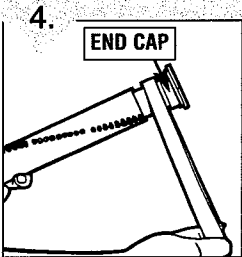


Lift nozzle guard off.

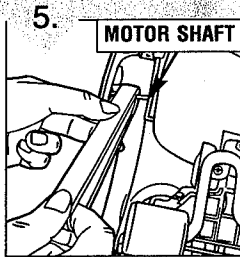


Lift and remove brushroll. Dispose of old belt.

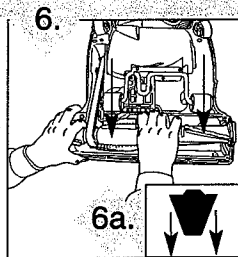
TO REPLACE BELT OR BRUSHROLL



Place new belt in area of brushroll without bristles.

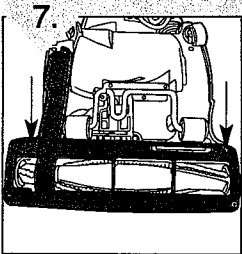


Slide belt onto motor shaft.

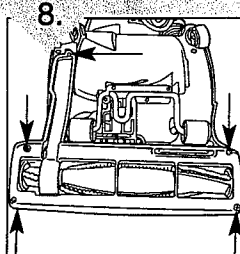


Rotate brushroll manually to make sure belt is properly aligned.

With new belt in place, pull and slide brushroll into nozzle making sure that the brushroll end caps are in the correct orientation (6a inset).



Reattach nozzle guard.



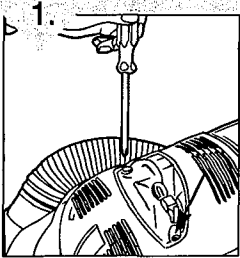
Replace all five (5) screws to secure nozzle guard.

LIGHTBULB REMOVAL AND REPLACEMENT

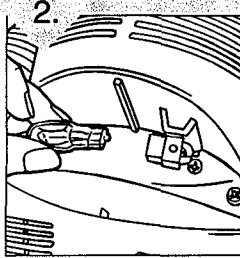
WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK - UNPLUG CLEANER BEFORE REMOVING OR REPLACING LIGHTBULB.

This cleaner uses a common automotive lamp #906, 13.0 volts. For bulb replacement call 1-800-321-1134 or your local auto parts store.

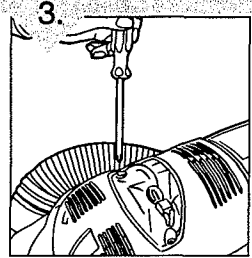
TOOL REQUIRED: FLATHEAD SCREWDRIVER



Lean cleaner handle back. Remove the two (2) screws located on either side of the headlight lens.



Pull bulb out of socket to remove. Do NOT twist. Gently push bulb into socket to replace.

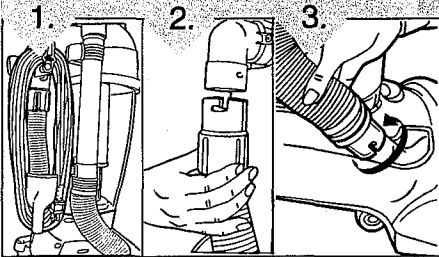


Secure the headlight lens by replacing the two (2) screws.

GENERAL MAINTENANCE

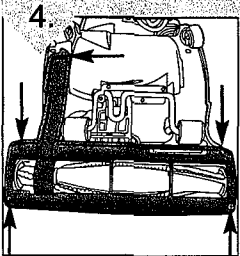
WARNING: TO REDUCE THE RISK OF INJURY FROM MOVING PARTS - UNPLUG BEFORE SERVICING.

DEBRIS REMOVAL/HOSE



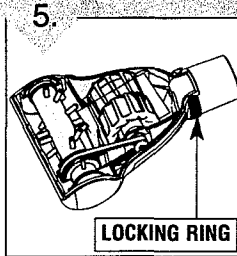
1. Check to see if dirt cup is full; empty if needed.
2. Plug cleaner in and check to see if there is any suction at end of hose (Diagram 1). If there is **suction** at end of hose, move on to Diagram 4. If there is **no suction** at the end of hose. Clear dirt path window and lower hose. Follow these steps: 1. Remove hose from upper hose inlet (Diagram 2) by reversing Step 1, Page 6, under heading "Upper Tool Caddy (Back)." 2. Unwrap hose from caddy. Remove obstruction. 3. Remove hose from clear dirt path window (Diagram 3) by reversing Step 2, Page 7, under heading "Secure Side Hose". Remove obstruction.

DEBRIS REMOVAL/ NOZZLE GUARD

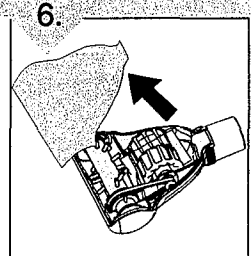


Remove nozzle guard (see Diagram 1) by removing the five (5) screws. Look for any obstructions and remove.

DEBRIS REMOVAL/TURBO TOOL



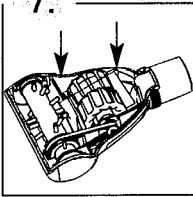
Rotate locking ring 180° and turn turbo tool over.



Pivot lower housing and remove clog.

GENERAL MAINTENANCE CONTINUED

7.



To reassemble, be sure tabs are engaged and pivot the lower housing closed.

TROUBLESHOOTING GUIDE

WARNING: TO REDUCE RISK OF PERSONAL INJURY - UNPLUG CLEANER BEFORE SERVICING

PROBLEM	POSSIBLE REASON	POSSIBLE SOLUTION
Cleaner won't run	<ol style="list-style-type: none"> 1. Power cord not firmly plugged into outlet. 2. Blown fuse or tripped breaker. 3. Needs service. 	<ol style="list-style-type: none"> 1. Plug unit in firmly. 2. Check fuse or breaker in home. Replace fuse/reset breaker. 3. Take to service center or call 1-800-321-1134.
Cleaner won't pick-up or low suction	<ol style="list-style-type: none"> 1. Dirt container not installed correctly. 2. Dirt container full. 3. Brushroll worn. 4. Broken or worn belt. 5. Clogged filter. 6. Nozzle/dirt passage hose clogged. 7. Carpet height setting is incorrect. 	<ol style="list-style-type: none"> 1. Review dirt container removal and replacement - Pg. 9. 2. Empty dirt container - Pg. 9. 3. Replace brushroll - Pg. 10. 4. Replace belt - Pg. 10. 5. Remove filter and clean - Pg. 9. 6. Remove lower hose; remove obstruction - Pg. 7. 7. Set carpet height adjust lever to appropriate setting for carpet being cleaned - Pg. 8.
Dust escaping from cleaner	<ol style="list-style-type: none"> 1. Dirt container full. 2. Dirt container not installed correctly. 3. Hose not installed correctly. 4. Filter not installed completely. 	<ol style="list-style-type: none"> 1. Empty dirt container - Pg. 9. 2. Review dirt container removal and replacement - Pg. 9. 3. Review hose installation - Pg. 7. 4. Review filter Removal and Replacement - Pg. 9.
Cleaner tools won't pick-up	<ol style="list-style-type: none"> 1. Hose clogged. 2. Dirt container full. 3. Filter clogged. 	<ol style="list-style-type: none"> 1. Remove hose and tools; remove obstruction - Pg. 7. 2. Empty dirt container - Pg. 9. 3. Clean filter - Pg. 9.
Headlight not working	<ol style="list-style-type: none"> 1. Bulb burnt out. 2. Loose electrical wires. 	<ol style="list-style-type: none"> 1. Replace bulb - Pg. 11. 2. Call 1-800-321-1134 for nearest authorized Royal® Dealer.
Cleaner is difficult to push	<ol style="list-style-type: none"> 1. Carpet height setting is incorrect. 	<ol style="list-style-type: none"> 1. Set carpet height adjust lever to appropriate setting for carpet being cleaned - Pg. 8.

ANY OTHER SERVICING SHOULD BE DONE BY AN AUTHORIZED SERVICE REPRESENTATIVE CUSTOMER SERVICE (1-800-321-1134)

In the event that further assistance is required, see your Yellow Pages for an authorized Royal® Dealer. Costs of any transportation to and from any 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 manufacturing code when requesting information or ordering replacement parts. (The model number appears on the bottom of the cleaner.)