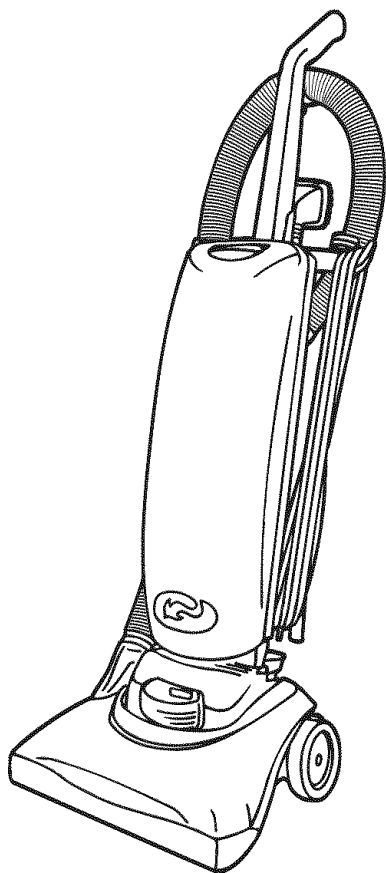




OWNER'S MANUAL
Operating and Servicing
Instructions



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

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

Warranty Registration

- Online at: www.dirtdevil.com
- Mail: Royal Appliance Mfg
7005 Cochran Rd.
Glenwillow, Ohio 44139

! 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 always 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 FILTER 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 dust bag or filter 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 *Power Brush Tool.

***NOT AVAILABLE ON ALL MODELS**

SAVE THESE INSTRUCTIONS

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 protective device to shut off the motor to avoid overheating. If this happens, turn switch off and unplug the cleaner. Inspect the exhaust, inlet, and filters for any blockage. Empty the dirt container and clean filters. 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.**

CONGRATULATIONS

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

Our company has 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.

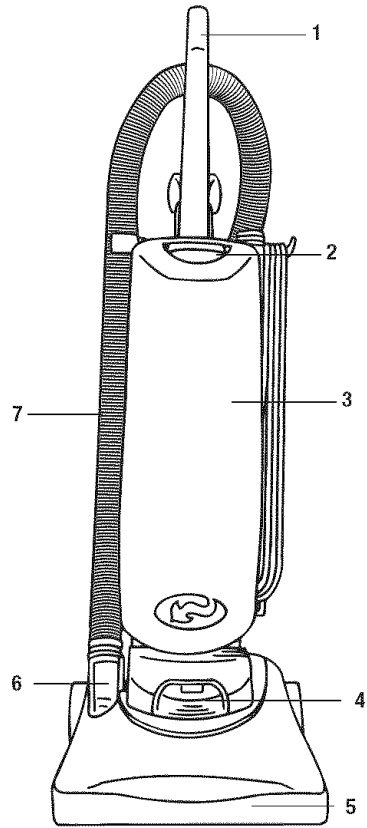
If the vacuum cleaner should become defective within the warranty period, we will repair or replace any defective parts free of charge. The complete machine must be delivered prepaid to any ROYAL® Authorized Sales & Warranty Service Station. Please include complete description of the problem, day of 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, bags, 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).

**IMPORTANT: USE ONLY GENUINE ROYAL® REPLACEMENT PARTS.
NOTE: TO REGISTER YOUR PRODUCT, RETURN YOUR WARRANTY CARD OR REGISTER
ONLINE AT WWW.DIRTDEVIL.COM.**

FEATURES

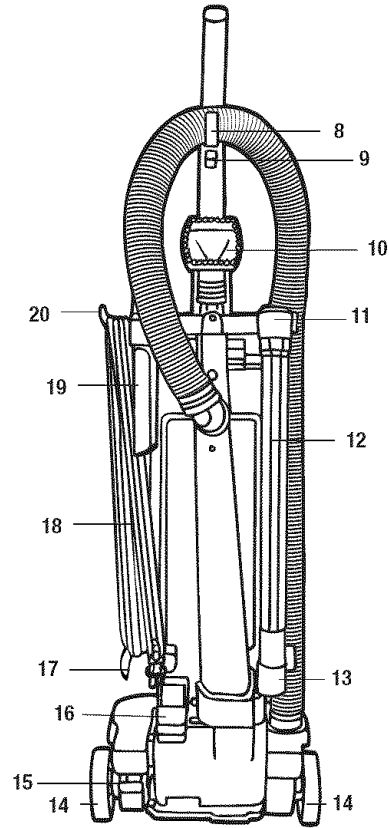
FRONT VIEW



FRONT VIEW

1. Handle Grip
2. Front Panel Release Handle
3. Front Panel
4. Headlight
5. Bumper
6. Clear Dirt Window
7. Hose

BACK VIEW



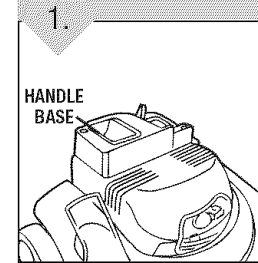
BACK VIEW

8. Upper Hose Wrap
9. Cord Guide
10. Dust Brush
11. Tool Caddy
12. Extension Wand
13. Extension Wand Holder/Hose Clip
14. Wheels
15. Handle Release Pedal
16. On/Off Pedal
17. Lower Cord Wrap
18. Power Cord
19. Crevice Tool
20. Upper Cord Wrap with Quick Cord Release

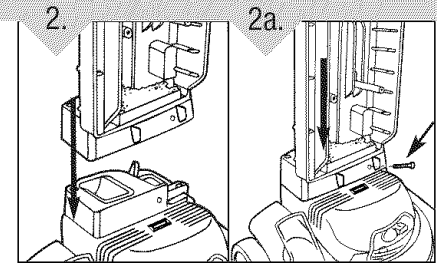
HOW TO ASSEMBLE

TOOL REQUIRED: PHILLIPS SCREWDRIVER

BODY ASSEMBLY

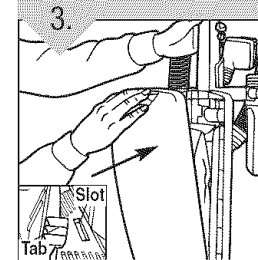


WARNING: BEFORE ASSEMBLING THE BODY OF THE CLEANER TO BASE, MAKE SURE POWER CORD IS DOWN AND OUT OF THE WAY TO AVOID PINCHING CORD.

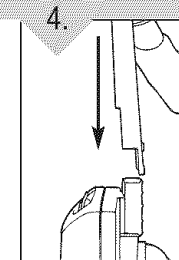


Place the body of the cleaner onto base (Diagram 2). Push together firmly. Insert longer screw into the front of body of cleaner to secure (Diagram 2a).

HANDLE ASSEMBLY

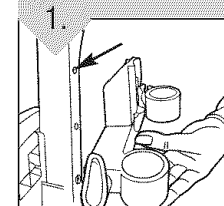


Place front panel on by putting its bottom tab in the slot on the vacuum (inset). Close until it snaps into place (Diagram 3).

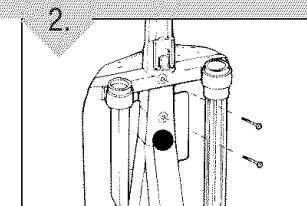


Slide handle down onto the body of the cleaner.

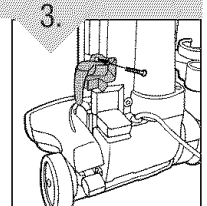
TOOL CADDY, HOSE, AND TOOL ASSEMBLY



Insert tab on tool caddy into slot above screw holes on back of handle.

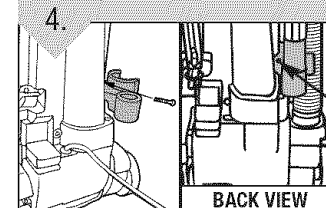


Bring tool caddy down to fit against handle. Insert two (2) screws to secure caddy and handle sections. Tighten screws to secure.

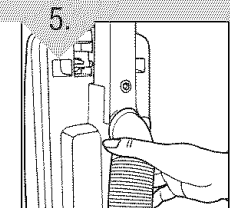


Hold lower cord wrap in place while inserting one (1) screw. Tighten until secure.

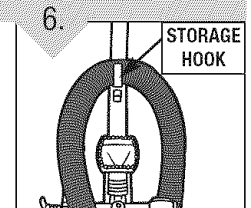
HOSE ASSEMBLY



Hold Extension Wand Holder/Hose Clip in place while inserting one (1) screw. Tighten until secure.



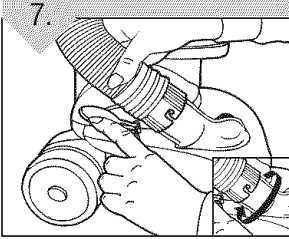
Push curved end of hose onto the back of unit.



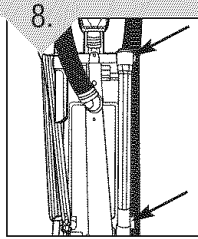
Wrap hose around storage hook as shown.

ASSEMBLY: CONTINUED

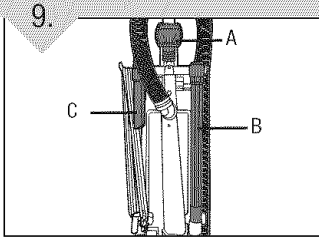
TOOL STORAGE



Push back dirt window flap. Align tabs on clear dirt passage window with the slots on the lower hose cuff. Push and turn to lock into place (inset).



Place the hose into the two side hose clips.

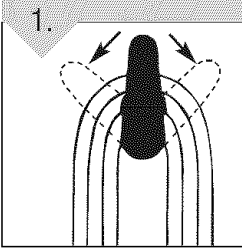


ATTACH TOOLS: (A) - Slide the dust brush onto the post on the tool caddy with bristles facing out. Push down to secure. (B) - Slide the extension wand into the round slot on the right. (C) - Slide the crevice tool into the round slot on the left.

HOW TO OPERATE

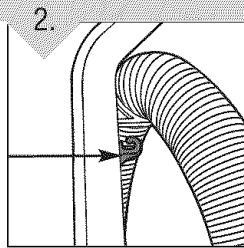
WARNING: FULLY ASSEMBLE CLEANER BEFORE OPERATING.
NOTE: Paper bag must be properly installed before operating.

QUICK CORD RELEASE



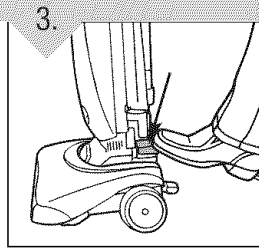
To release your cord, turn the top cord hook to the left or right.

CORD GUIDE



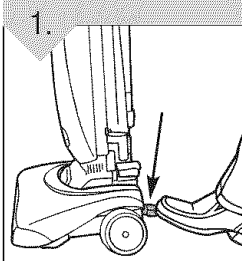
Keep the cord out of the way while you vacuum by snapping it into the cord guide on the back of the handle.

ON/OFF SWITCH

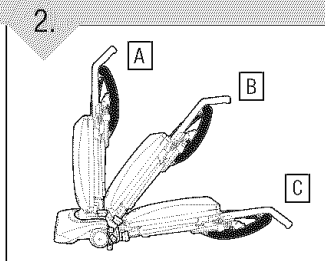


Plug cord into electrical outlet. Step on the power switch to turn on the cleaner. Switch is grey and located on the base of the unit.

FLOOR/CARPET CLEANING

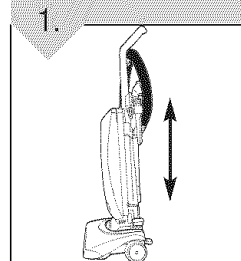


Release the handle. With your foot, depress the handle release pedal on the left side of the base.



Move the handle and adjust it to the desired position for (A) storing the upright, (B) operating the cleaner, and (C) low profile for cleaning under furniture. **NOTE: You will need to depress handle release pedal again for low profile.**

ABOVE FLOOR CLEANING



Cleaner must be locked in the upright position to lift the rotating brush off the carpet when cleaning above the floor. Turn cleaner off **BEFORE** attaching or removing hose.

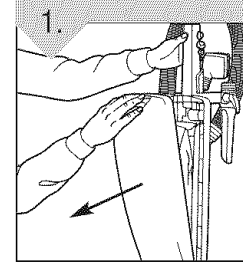
PAPER BAG: REMOVAL & REPLACEMENT

NOTE: Unplug cleaner before changing paper bag. Cleaner must have paper bag in place at all times.

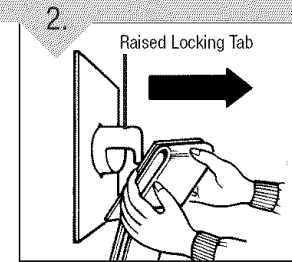


For Bag Type U replacements, please visit our website at www.dirtdevil.com to buy online or call customer service at 1-800-321-1134.

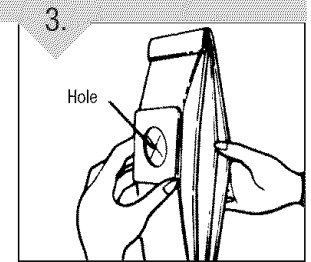
TO REMOVE



Take front panel off by squeezing front panel release lever towards you.

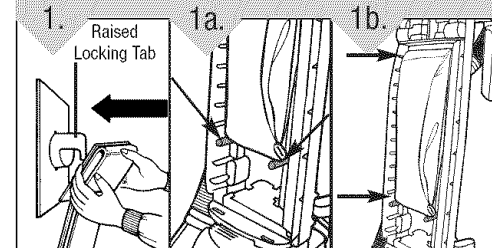


Grasp cardboard collar of paper bag with both hands and pull past raised locking tabs on the dirt tube. Dispose of old paper bag.

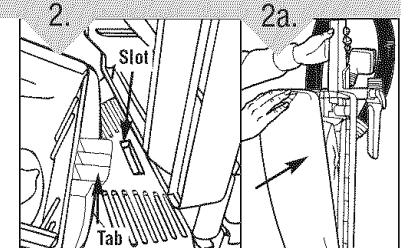


IMPORTANT: EXTEND BAG AWAY FROM HOLE BEFORE INSTALLING. Press in opening to clear paper away from hole.

TO INSTALL



Push cardboard collar past raised locking tabs on the dirt tube with both hands (Diagram 1). The bottom of the bag should be resting on the posts located inside the right and left of the bag chamber (Diagram 1a). Be sure paper bag is fully extended and tucked in at the top and bottom (Diagram 1b).

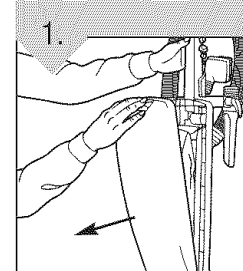


Replace front panel by putting the one bottom tab in the slot on the vacuum (Diagram 2). Close until it snaps into place (Diagram 2a).

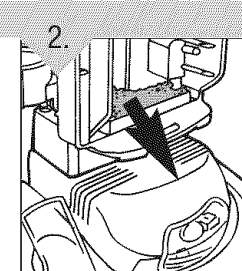
FILTER PAD CLEANING INSTRUCTIONS

WARNING: UNPLUG CLEANER BEFORE CHANGING FILTER.

BAG CHAMBER FILTER (INTERNAL)
 Located under the paper bag.



Take front panel off by squeezing front panel release lever towards you.



Lift up on front edge and pull towards you to remove. Brush or shake filter debris until dirt stops falling from the filter. In some cases, more or less cleaning of the filter may be required.

BELT OR BRUSHROLL: REMOVAL & REPLACEMENT

TOOL REQUIRED: PHILLIPS SCREWDRIVER

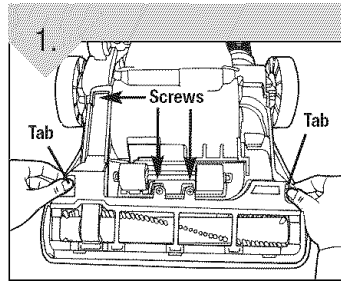
NOTE: Unplug cleaner before changing belt or brushroll.

BELT STYLE

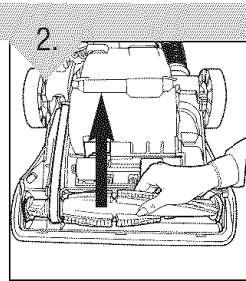
5

For Belt Style 5 replacement, please visit our website at www.dirtdevil.com to buy online or call customer service at 1-800-321-1134.

REMOVAL

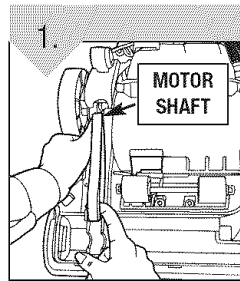


Lay cleaner flat and flip cleaner over to expose nozzle base. Base should lay flat and face up. To remove nozzle guard, use a Phillips Screwdriver to remove the three (3) screws. Arrows show location of screws. Push on the two tabs to release. Lines show location of tabs. Lift nozzle guard off.

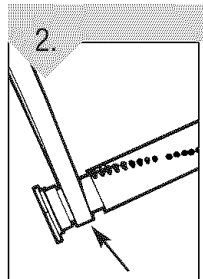


Lift and remove brushroll. Dispose of old belt.

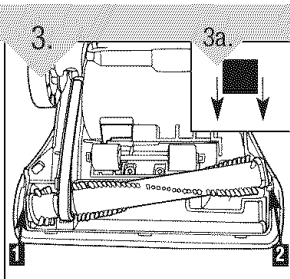
REPLACEMENT



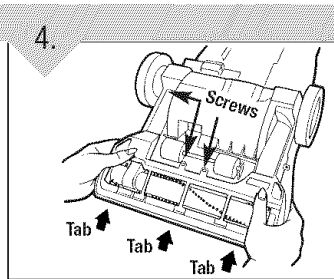
Loop belt onto motorshaft.



Place new belt in area of brushroll without bristles.



Insert brushroll into side holder #1 and then #2. Follow direction of arrows on brush end caps, (Diagram 3a). NOTE: Rotate brushroll to make sure belt is not twisted.



Replace nozzle guard. Match the front tabs to the slots on the nozzle base first. Swing down to snap hooks. Press firmly on entire nozzle guard to secure. Replace the three (3) screws to secure. IMPORTANT: Rotate brushroll by hand before starting cleaner.

GENERAL MAINTENANCE

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

IF OBSTRUCTION DEVELOPS DURING FLOOR CLEANING:

1. If obstruction develops while cleaning carpets, **turn cleaner OFF and unplug**. Check paper bag to see if it is full. If full, replace with a new paper bag (Page 8).
2. Check dirt tube to see if there is an obstruction (Page 6, "HOSE ASSEMBLY"). If so, remove obstruction.
3. Turn cleaner over and remove nozzle guard (Page 9, Diagram 1). Clear any obstruction that occurs in or around the brushroll area.
4. Remove hose from hose inlet (Page 7, Diagram 7). Remove any obstruction.

NOTE: Regularly clean debris from filter in bag compartment (Page 8).

IF OBSTRUCTION DEVELOPS DURING TOOL USAGE:

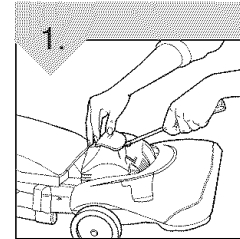
1. If obstruction develops while above floor cleaning, **turn cleaner OFF and unplug**. Check paper bag to see if it is full. If full, replace with a new paper bag (Page 8).

LIGHTBULB: REMOVAL & REPLACEMENT

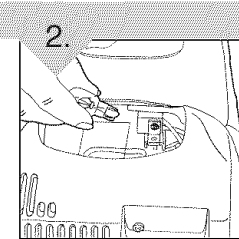
TOOL REQUIRED: FLATHEAD SCREWDRIVER

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

NOTE: 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.



Lean cleaner handle back. Insert end of standard (flat head) screwdriver into bottom slot and pry outward to pop headlight lens out.



Pull bulb out of socket to remove. Push bulb into socket to replace. Snap headlight lens panel back into place.

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. 4. Thermal protector activated. 	<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. To find nearest location, visit our website at www.dirtdevil.com or call 1-800-321-1134. 4. Allow cleaner to cool - Pg. 3.
Cleaner won't pick-up or low suction	<ol style="list-style-type: none"> 1. Paper bag is not opened. 2. Paper bag full. 3. Brushroll worn. 4. Broken or worn belt. 5. Nozzle/hose clogged. 6. Unit misassembled resulting in air flow leakage. 7. No paper bag in cleaner. 	<ol style="list-style-type: none"> 1. Insert finger into hole and push paper away from opening - Pg. 8. 2. Replace paper bag - Pg. 8. 3. Replace brushroll - Pg. 9. 4. Replace belt - Pg. 9. 5. Remove nozzle/hose guard to clear blockage Pg. 6 & 9. 6. Reassemble unit / review assembly - Pg. 6. 7. Install bag and clean filter - Pg. 8.
Dust escaping from cleaner	<ol style="list-style-type: none"> 1. Paper bag full. 2. Bag not installed correctly. 3. Puncture/hole in paper bag. 4. No bag in cleaner. 5. Hose not connected correctly. 	<ol style="list-style-type: none"> 1. Replace paper bag - Pg. 8. 2. Review paper bag installation - Pg. 8. 3. Replace paper bag - Pg. 8. 4. Install bag - Pg. 8. 5. Review Hose Installation - Pg. 6.
Cleaner tools won't pick-up	<ol style="list-style-type: none"> 1. Hose clogged. 2. Paper bag full. 3. There is an obstruction. 	<ol style="list-style-type: none"> 1. Remove hose and tools; remove obstruction - Pg. 6. 2. Replace paper bag - Pg. 8. 3. Review General Maintenance - 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. 10. 2. Take to service center. To find nearest location, visit our website at www.dirtdevil.com or call 1-800-321-1134.

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 or visit our website at www.dirtdevil.com. 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.)