



Dual Suction System Pro-Lite

INSTRUCTION MANUAL

Model CFR51EC



CFR LIMITED WARRANTY

CFR will repair or exchange parts for your vacuum in the event of a manufacturing defect as follows:

PARTS: New or comparable rebuilt parts, for one year after original purchase.

LABOR: Carry-in service can be obtained during the warranty period by taking your vacuum to an Authorized CFR Warranty Service Center.

IMPORTANT WARRANTY CONDITIONS: A purchase receipt or other proof of date of original consumer purchase also will be required before warranty service is rendered.

This warranty covers normal use and does not cover damage which occurs in shipment or failure resulting from alteration, accident, misuse, abuse, neglect, or improper maintenance.

STATEMENT: This warranty is not transferable and extends only to the original purchaser when a new CFR vacuum is purchased from an Authorized CFR Dealer. This warranty gives you specific legal rights, and you may have other rights that vary from state to state.

A Tacony Company, Fort Worth, Texas 76140-1710, Call Toll-Free (800) 533-2557

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precautions should be observed, including the following: Read all instructions before using your lightweight upright vacuum cleaner.

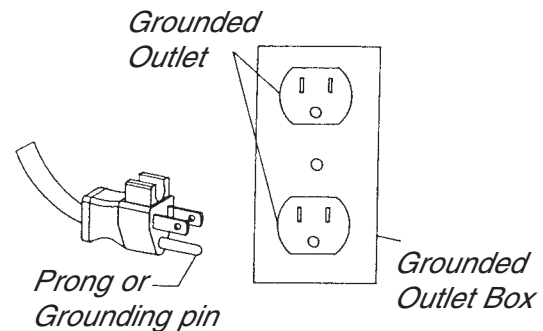
WARNING: To reduce the risk of fire, injury or electric shock:

- Never leave cleaner unattended when it is plugged in.
- Unplug from outlet when not in use and before servicing.
- Never use with damaged cord or plug.
- Never unplug by pulling on cord.
- Never pull or carry by cord, use cord as a handle, close door on cord, pull cord around sharp corners, run cleaner over cord, or expose cord to heated surfaces.
- Never use cleaner if it has been dropped, damaged, left outdoors or dropped into water. Return it to place of purchase.
- Never allow children to use as a toy.
- Never use outdoors or on wet surfaces.
- Never handle cleaner or plug with wet hands.
- Never put any object into openings, use with blocked opening, or restrict air flow.
- Never use without dust bag and/or filters in place.
- Never allow hair, loose clothing, fingers or body parts to get near openings or floor brush in the appliance.
- Never pick up hot coals, cigarette butts, matches or any hot, smoking, or burning objects.
- Never pick up hard or sharp objects such as glass, nails, screws, coins, etc.
- Never pick up flammable or combustible materials (lighter fluid, gasoline, kerosene, etc.) or use in the presence of explosive liquids or vapor.
- Connect to a properly grounded outlet only. See grounding instructions.
- Never pick up toxic material (chlorine bleach, ammonia, drain cleaner, etc.).
- Never use in an enclosed space filled with vapors given off by oil base paint, paint thinner, some moth proofing substances, flammable dust, or other explosive or toxic vapors.
- Never use for any purpose other than described in this User's Guide.
- Use only on dry, indoor surfaces.
- Keep openings free of dust, lint, hair, etc.
- Keep appliance on a level surface.
- Turn off all controls before plugging in or unplugging cleaner.
- Be extra careful when cleaning stairs.
- Pay close attention when working around children.

GROUNDING INSTRUCTIONS

This appliance must be connected to a grounded wiring system. If it should malfunction or break down, grounding provides a safe path of least resistance for electrical current, reducing the risk of electrical shock. The cord for this appliance has an equipment-grounding conductor and a grounding plug. It must only be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING: Improper connection of the equipment-grounding conductor can result in a risk of electrical shock. Check with a qualified electrician or service person if you aren't sure if the outlet is properly grounded. NEVER MODIFY THE PLUG. If it will not fit the outlet, have a proper outlet installed by a qualified electrician. This appliance is designed for use on a nominal 120-volt circuit, and has a grounding attachment plug that looks like the plug in the drawing above. Make certain that the appliance is connected to an outlet having the same configuration as the plug. No plug adapter should be used with this appliance.



PRODUCT FEATURES AND BENEFITS

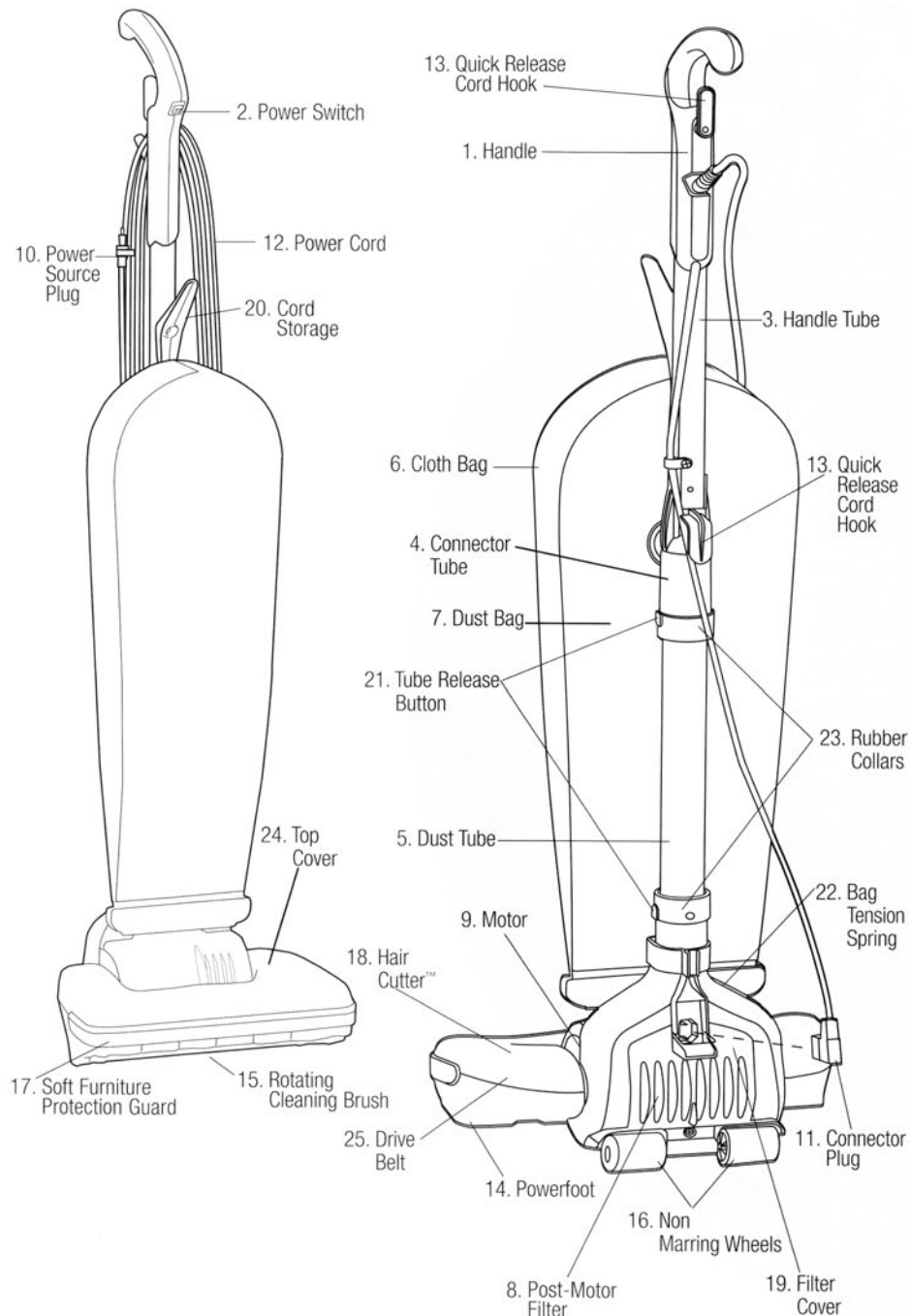
The Dual Suction System is a lightweight, yet powerful, cleaning system ideal for commercial use on all types of carpets and floors.

1. Handle – designed for comfort and easy maneuvering.
2. Power Switch – conveniently located in handle.
3. Handle Tube – lightweight, for easy movement and use.
4. Connector Tube – strong lightweight aluminum tube is designed for optimal airflow.
5. Dust Tube – large diameter dust tube designed to minimize clogging.
6. Cloth Bag – durable, reinforced material for years of service.
7. Dust Bag – top loading bag for clean and easy bag change.
8. The Post-Motor Filter – helps to reduce motor emissions.
9. Motor – 6 amps of full cleaning power, saves energy.
10. Power Source Plug – grounded for safe, reliable operation.
11. Connector Plug – for enhanced safety.
12. Power Cord – 50 foot heavy-duty, commercial quality for extended reach.

SAVE THESE INSTRUCTIONS

PRODUCT FEATURES AND BENEFITS

13. Quick Release Cord Hooks – for quick, easy removal of power cord.
14. Powerfoot – twin fan/dual suction design for deeply embedded dirt and superior edge cleaning.
15. Rotating Cleaning Brush – continuous, rotating dual action for thorough cleaning; white, non-marring bristles.
16. Non-Marring Wheels – safe for use on bare floors.
17. Soft Furniture Protection Guard – helps protect furniture while vacuuming.
18. Hair Cutter – ensures that any long hair or other fibers are cut and broken down into lengths that are manageable for the vacuum. This helps to prevent clogs.
19. Filter Cover – easily removes with one screw for easy access to filter.
20. Dual Cord Storage – wrap cord around the back of the unit, or simply hang cord on the front Cord Storage Hook.
21. Tube Release Buttons – allows for easy access in the unlikely event of the tube clogging.
22. Bag Tension Spring – keeps the bag secure at the base of the bag.
23. Rubber Collars – designed to seal air path at critical connections, preventing loss of airflow.
24. Top Cover – simply removes with 3 screws allowing for easy belt change.
25. Drive Belt – designed for optimal life and performance.



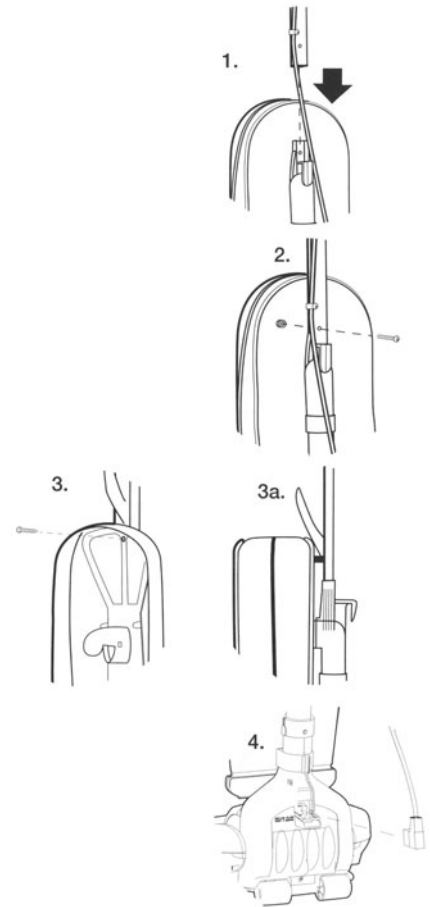
HOW TO ASSEMBLE

WARNING: Plastic bags or film can be dangerous. To avoid danger of suffocation, keep away from babies and children.

The dual Suction System is packaged for convenience and requires minimal assembly. The only tool you will need is a Phillips head screwdriver.

1. Slide the handle Tube into the Connector, aligning the hole in the Handle Tube with the molded hole at the top of the Connector.
2. Hold the hex nut in front of the Connector in the hex shaped cavity while inserting the screw with your finger from the back. Tighten the screw while placing your finger over the hex cavity to hold the hex nut in place. After a few turns, tighten further with a Phillips head screwdriver. Do not overtighten.
3. Slide screw through plastic Cord Hook from the inside of Cloth Bag. Align screw with hole in Handle Tube. Tighten screw.
4. Remove screw from Filter Cover. Remove Filter Cover. Insert the Connector Plug into the back of the unit at the rear of the Powerfoot – Make sure the Connector Plug is fully inserted. Replace Filter Cover. Replace Filter Cover Screw.

Your Vacuum cleaner is now ready to use.



HOW TO USE YOUR DUAL SUCTION SYSTEM VACUUM

Tip. Before cleaning under low furniture, always check area first for objects that might harm the Rotating Cleaning Brush or get caught in the Dust Tube.

Power Supply

The Power Cord is stored at the back of the vacuum cleaner, and is looped around the Quick Release Cord Hooks. The polarized Power Source Plug is designed to attach to the Power Cord during storage. Before using, make sure the Connector Plug is securely attached to the Powerfoot and that the Power Source Plug is plugged into a polarized outlet.

Power Switch

The Power Switch is located in the Handle of the cleaner. Push down (I) to turn ON. Push up (O) to turn OFF.

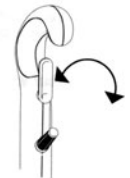
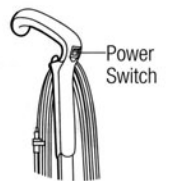
Power Cord Storage

When you are finished using your vacuum, return it to the upright position. Make sure the vacuum is turned OFF. Always unplug the vacuum by grasping the Power Source Plug (NOT the Power Cord) and disconnecting from the outlet. Properly store the Power Cord by winding the cord around the Quick Release Cord Hooks on the back of the vacuum in a continuous loop, or by hanging the cord on the Cord Storage Hook located on the front of the vacuum. Attach the Power Source Plug to the Power Cord.

Operation

This vacuum, with Dual Suction System is designed to effectively and safely clean all types of carpeting, wood, linoleum, and vinyl floors. Its wide 14-inch Powerfoot makes cleaning quick and easy.

To place the vacuum in position for use, lightly press your foot on the Powerfoot and tip the Handle backwards.



HOW TO USE YOUR DUAL SUCTION SYSTEM VACUUM

Routine Maintenance

For maximum performance from your vacuum, check and maintain vacuum parts regularly.

Replacing the Dust Bag

Check the Dust Bag weekly. Replace the Dust Bag when it is near full or when cleaning suction diminishes. Never reuse a Dust Bag.

WARNING: To avoid electrical shock or injury from moving parts, always turn OFF the Power Switch and unplug the Power Source Plug before performing maintenance or trouble shooting. Always unplug by grasping the Power Source Plug; NEVER pulling on the Power Cord to unplug.

Tip: Vacuuming new carpet or vacuuming fine powders may clog the Dust Bag. Check Dust bag often.

Unplug vacuum by grasping and pulling on the Power Source Plug.

Unzip Cloth Bag. Remove collar retainer by pressing on the two tabs and pulling the top towards you. Dispose of Dust Bag.

Slide collar of new Dust Bag completely into collar retainer.

Push collar retainer back into position and secure in place.

Tuck the remainder of the Dust Bag completely inside the Cloth Bag. Make sure it lays flat, top to bottom, without bunching. Zip Cloth Bag.

Cleaning the Dust Tube

The vacuum features Dust Tube designed to optimize cleaning power. For best performance, routinely check and clear excess dust and other debris.

Note: Cover floor with newspaper to catch any loose material or dust removed during cleaning.

Release Bag Tension Spring.

Remove Filter Cover screw and then remove Filter Cover.

Unplug Connector Plug.

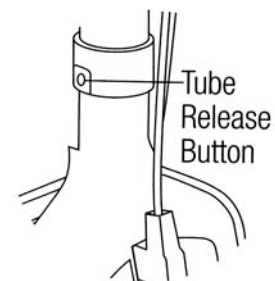
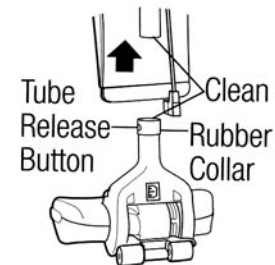
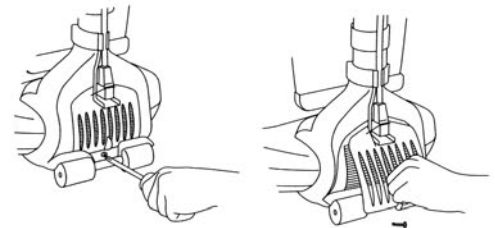
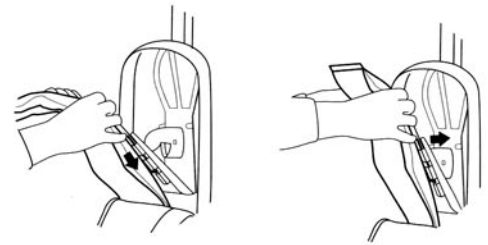
Locate the Tube Release Button at the top of the Powerfoot. The Tube Release Button is hidden under a Rubber Collar on the side of the Dust Tube and can be pressed through the Rubber Collar. Lift off the Dust Tube while pressing on the Tube Release Button.

Use a wire brush to clean out the inside of the Dust Tube and the top section of the Powerfoot where they connect.

Reconnect the tube with the Powerfoot. It should snap into place. Make sure that the tube release button on the Tube lines up with the Tube Release Button on the Rubber Collar.

Plug the Connector Plug back into base of vacuum.

WARNING: To avoid electrical shock or injury from moving parts, always turn OFF the Power Switch and unplug the Power Source Plug before performing maintenance or trouble shooting. Always unplug by grasping the Power Source Plug; NEVER pulling on the Power Cord to unplug.

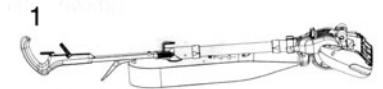
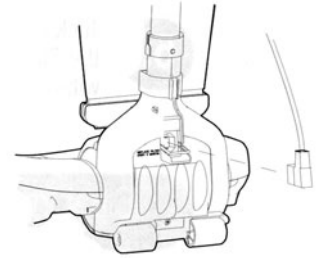


HOW TO USE YOUR DUAL SUCTION SYSTEM VACUUM

Cleaning the Filter

The Post-Motor Filter is located in the Powerfoot of your vacuum cleaner. It should be checked often, and cleaned when the Post-Motor Filter becomes dirty.

1. To Clean Post-Motor Filter, remove the screw with a Phillips head screwdriver.
2. Lift out Filter Cover.
3. Remove Post-Motor-Filter and wash with mild soap and water. Dry thoroughly.
4. Reinstall clean and dried Post-Motor filter.
5. Replace Filter Cover by sliding in the two tabs at the top of the Filter Cover and centering over the screw hole.
6. Replace screw.

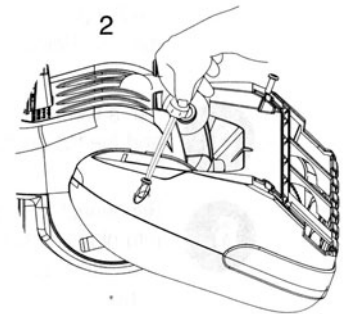


Cleaning the Rotating Cleaning Brush/Replacing the Drive Belt

Check the Rotating Cleaning Brush and Drive Belt regularly for wear or damage. Keep the Rotating Cleaning Brush ends free of string, hair, and carpet fibers. These can become entangled and reduce the vacuum's cleaning effectiveness.

NOTE: The Rotating Cleaning Brush can most often be cleaned without removal from the vacuum. If there is an excessive amount of hair and debris, remove the Rotating Cleaning Brush for proper cleaning.

1. Unplug the vacuum and turn face down on a flat surface.
2. Remove all 3 screws from the bottom of the Powerfoot.
3. Grip both the Top Cover and base while turning unit back over. Lift off Top Cover.
4. Check Drive Belt. If it is broken or damaged, remove Rotating Cleaning Brush and replace Drive Belt.



WARNING: To avoid electrical shock or injury from moving parts, always turn OFF the Power Switch and unplug the Power Source Plug before performing maintenance or trouble shooting. Always unplug by grasping the Power Source Plug; NEVER pulling on the Power Cord to unplug.

5. To remove the Rotating Cleaning Brush, pull the right side of the Rotating Cleaning Brush toward the front of the Powerfoot as you lift slowly.
6. Clean off Rotating Cleaning Brush as necessary.
7. Place existing or new Drive Belt over Rotating Cleaning Brush and the motor shaft. Insert the end cap pin on the left of the Rotating Cleaning Brush into the slot on the Powerfoot and slide the end cap pin on the right end of the Rotating Cleaning Brush in to the slot in the Powerfoot and lower until it clicks into place.
8. Make sure the Furniture Protection Guard is still intact.
9. Align the 3 tabs on the Top Cover with the 3 slots in the Powerfoot. Press into place, making sure the Furniture Protection Guard is on the outside.
10. Turn vacuum cleaner face down.
11. Reinstall the 3 screws beginning with the center screw.



WARNING: To avoid electrical shock or injury from moving parts, always turn OFF the Power Switch and unplug the Power Source Plug before performing maintenance or trouble shooting. Always unplug by grasping the Power Source Plug; NEVER pulling on the Power Cord to unplug.

TROUBLESHOOTING

Vacuum cleaner won't run.

Possible Causes

Vacuum Cleaner is not plugged in
Household fuse/circuit breaker tripped

Remedies

Check power Source Plug and Connector Plug
Check/replace fuse – Reset breaker

Vacuum cleaner won't pick up dirt.

Possible Causes

Dust Bag is full
Drive Belt not functioning
Rotating Cleaning Brush bristles worn
Rotating Cleaning Brush jammed

Dust Tube is clogged

Remedies

Replace with new Dust Bag
Realign Drive Belt or replace if damaged
Replace Rotating Cleaning Brush
Remove Rotating Cleaning Brush and clean debris from brush ends; Reinstall Drive Belt
Clean Dust Tube

Accumulation of dust inside Cloth Bag

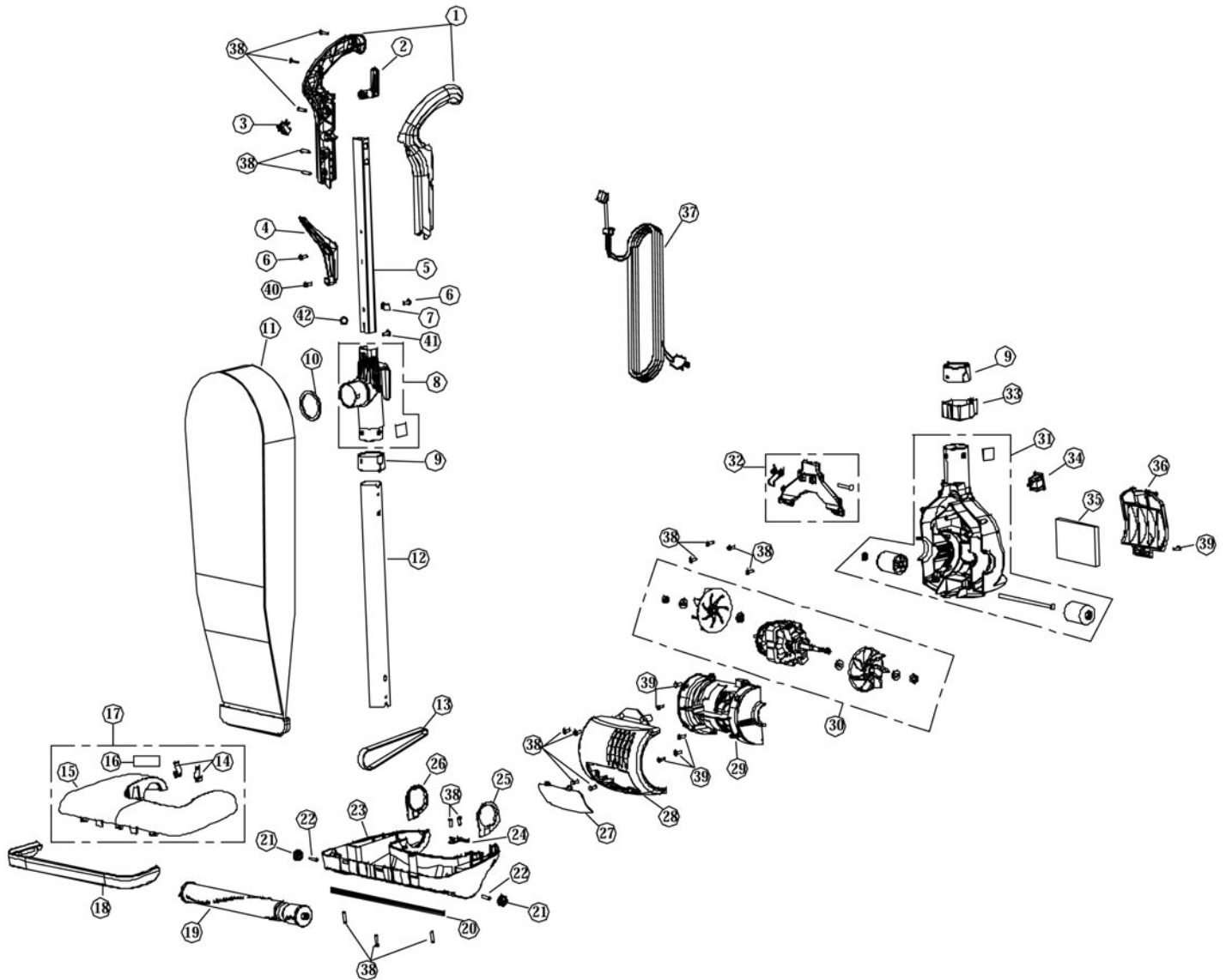
Possible Cause

Dust Bag is clogged or dirty
Dust Bag collar retainer not secure
Inlet clogged

Remedies

Replace with new Dust Bag
Secure Dust Bag collar retainer
Shake dust down to bottom of Dust Bag.

PARTS



ref#	part #	description
1	C431-4400	Handle Assembly
2	B431-4814	Upper Cord Hook
3	A428-2014	Main Switch Handle
4	B431-4914	Cord Hook Commercial
5	B431-4700	Handle Tube Rectangular
6	A090-0200	Screw
7	A090-0100	Cable Clamp
8	D431-4300	Upper Duct Diverter & Bag Mount Assembly
9	B431-4214	Rubber Collar
10	B211-4414	Bag Mount Foam Gasket
11	D431-0600	Zippered Cloth Bag Assembly
12	B431-4000	Duct Tube
13	B014-0814	Belt
14	B016-1400	Upright Stop w/Spring Clips
15	PPL-CFR-N	Nozzle Cover
16	B206-7900	Nozzle Label
17	D017-3600	Nozzle Cover Assembly
18	B029-0414	Furniture Guard
19	B012-3000	Agitator Assembly
20	B015-2414	Squeegee
21	B010-1414	Small Wheel

ref#	part #	description
22	B010-0900	Small Axle
23	B016-1314	Basetray
24	B014-0000	Belt Guard Hair Cutter
25	B016-0600	Left Pivot
26	B016-0400	Right Pivot
27	PPL-CFR-L	Lens
28	PPL-CFR-LH	Lens Holder Cover
29	B051-0514	Motor Cover
30	D113-3200	Motor Assembly
31	D051-0000	Motor Housing Assembly
32	D051-0400	Duct Cover Assembly
33	B431-4114	Lower Cord Clip/Yoke Support
34	A028-0214	Male Plug
35	B051-0239	Post Filter
36	B051-0114	Post Filter Cover
37	A434-0831	Cord Set
38	A732-8314	Screw
39	A732-8414	Screw
40	A090-0300	Screw
41	A090-0400	Screw
42	A090-0500	Nylon Insert