

Power- Flite®

**COMMERCIAL
VACUUM CLEANER**

**Model PF50, PF70
Model PF70DC, PF757**

Owner's Guide

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IMPORTANT SAFEGUARDS

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

READ ALL INSTRUCTIONS BEFORE USING THIS VACUUM CLEANER.

WARNING

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

- Do not use outdoors or on wet surfaces.
- Do not leave vacuum cleaner when plugged in. Turn off the switch and unplug the electrical cord 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.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Do not use with damaged cord or plug. If vacuum cleaner is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center before using.
- 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 vacuum cleaner over cord. Keep cord away from heated surfaces.
- Connect to a properly grounded outlet only (refer to Grounding Instructions).
- Do not use extension cords or outlets with inadequate current carrying capacity.
- Turn off all controls before unplugging.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Do not handle plug or vacuum cleaner 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 airflow.
- This vacuum cleaner creates suction and contains a revolving brush roll. 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 in place.
- Belt pulleys can become hot during normal use. To prevent burns, avoid touching the belt pulley when servicing the drive belt.
- 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.
- Store your cleaner indoors in a cool, dry area.
- Keep your work area well lighted.
- Unplug electrical appliances before vacuuming them.

SAVE THESE INSTRUCTIONS

CONSEILS DE SÉCURITÉ

Lors de l'utilisation d'un appareil électrique, quelques précautions élémentaires doivent être observées, incluant les suivantes:

LISEZ TOUTES LES INSTRUCTIONS AVANT D'UTILISER VOTRE ASPIRATEUR.

AVERTISSEMENT

Pour réduire le risque de feu, de choc électrique, ou de blessure:

- Ne pas utiliser à l'extérieur ou sur des surfaces mouillées.
- Fermez le commutateur et débranchez l'appareil lorsque vous ne l'utilisez pas ou avant le nettoyage ou l'entretien.
- Ne permettez pas qu'il soit utilisé comme jouet. Une attention particulière est nécessaire lorsque utilisé par ou près d'un enfant.
- Suivez les recommandations d'utilisation de ce manuel. Utilisez uniquement les accessoires recommandés par le fabricant.
- Ne pas utiliser si le cordon ou la fiche sont endommagés. Si l'aspirateur ne fonctionne pas comme il le devrait, s'il a été échappé, s'il est endommagé, s'il a été laissé à l'extérieur ou échappé dans l'eau, retournez-le à un centre de service avant d'utiliser.
- Ne pas le tirer ou le transporter par le cordon, ne pas utiliser le cordon un guise de poignée. Ne pas fermer une porte sur le cordon ou tirer le cordon sur des coins ou bordures pointus. Ne pas circuler sur le cordon avec l'aspirateur. Tenir le cordon à distance des surfaces chauffantes.
- Branchez toujours l'aspirateur dans une prise à trois (mise à la terre).
- Ne pas utiliser des rallonges ou des prises qui n'ont pas de capacité suffisante pour transporter le courant.
- Fermer tous les contrôles avant de débrancher.
- Ne pas débrancher en tirant sur le cordon. Pour débrancher, tenez la fiche et non le cordon.
- Ne pas manipuler la fiche ou l'aspirateur avec les mains mouillées.
- Ne pas rien insérer dans les ouvertures. Ne pas utiliser si des ouvertures sont bloquées; assurez-vous qu'elles soient dégagées de poussière, mousse, cheveux ou toute autre chose qui pourrait réduire le passage de l'air.
- Cet aspirateur crée de la succion et contient un rouleau-brosse tournant. Tenir les parties mobiles et les ouvertures loin des cheveux, du linge, des doigts et de toute partie du corps.
- Ne pas ramasser des objets qui brûlent ou fument comme les cigarettes, allumettes ou cendres chaudes.
- N'utilisez pas sans le sac de poussière en place.
- Les poulies du courroie peuvent devenir chaudes pendant l'utilisation normale. Pour prévenir des brûlures, évitez de toucher la poulie du courroie lorsque vous réparez la courroie.
- Portez une attention particulière lorsque vous nettoyez les escaliers.
- Ne pas utiliser pour ramasser des liquides inflammables ou combustibles comme de l'essence. Ne pas utiliser dans les endroits où ces liquides pourraient être présents.
- Entrez votre aspirateur à l'intérieur dans un endroit propre et sec.
- Maintenez un bon éclairage à l'endroit où vous travaillez.
- Débrancher les appareils électrique avant de les balayer.

CONSERVEZ CES INSTRUCTIONS

Grounding Instructions

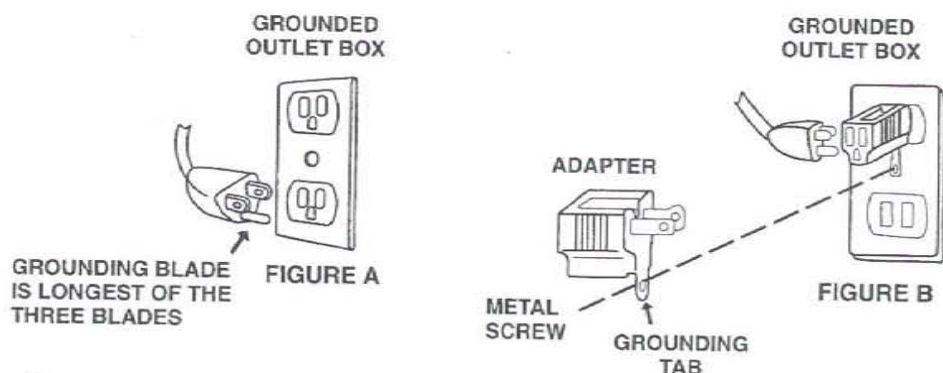
This appliance must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

DANGER

Improper connection of an equipment-grounding conductor can result in risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance. If it will not fit the outlet, have proper outlet installed by a qualified electrician.

This appliance is for use on a nominal 120 volt circuit and has a grounding plug that looks like the plug illustrated in Figure A. A temporary adapter which looks like the adapter illustrated in Figure B may be used to connect this plug to a two-pole receptacle, as shown, if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet, Figure A, can be installed by a qualified electrician. The green colored rigid ear, lug, or the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in place by a metal screw.

NOTE: In Canada, the use of a temporary adapter is not permitted by the Canadian Electrical Code.



INSTRUCTIONS VISANT LA MISE À LA TERRE

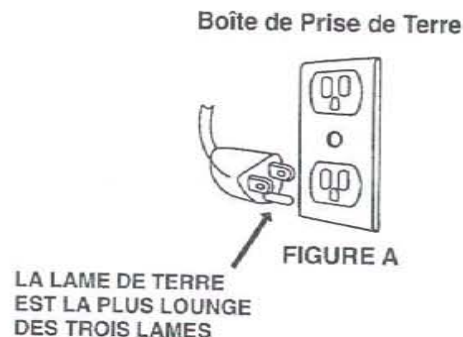
Cet appareil doit être mis à la terre. En cas défaillance ou de panne éventuelles, la mise à la terre fournit au courant un chemin de moindre résistance qui réduit le risque de choc électrique. Cet appareil est pourvu d'un cordon muni d'un conducteur de terre et d'une fiche avec broche de terre. La fiche doit être branchée dans une prise appropriée correctement installée et mise à la terre conformément aux règlements et ordonnances municipaux.

AVERTISSEMENT

Un conducteur de terre mal raccordé peut entraîner un risque de choc électrique. Consulter un électricien ou un technicien d'entretien qualifié si vous n'êtes pas certain que la prise est correctement mise à la terre. Ne pas modifier la fiche fournie avec l'appareil-si elle ne peut être insérée dans la prise, faire installer une prise adéquate par un électricien qualifié.

Note. Au Canada, l'utilisation d'un adaptateur temporaire n'est pas autorisée par le Code canadien de l'électricité.

Cet appareil est destiné à un circuit de 120 V et est muni d'une fiche de mise à la terre semblable à celle illustrée par le Figure A. S'assurer que l'appareil est branché à une prise de courant ayant la même configuration que la fiche. Aucun adaptateur ne devrait être utilisé avec cet appareil.



GENERAL INFORMATION

The cleaner is designed to pick up dirt and dust particles. Avoid picking up hard or sharp objects with the cleaner to prevent bag tears, hose clogs, and fan blade breakage with subsequent motor damage.

Service Information

To obtain the most satisfying years of service read through these instructions and keep them handy for future reference. If you require service, contact the dealer from whom the cleaner was purchased. **NOTE: Turn off the switch and unplug the electrical cord before servicing the unit.**



DO NOT OIL the motor to the brush roll at any time. The bearings are permanently lubricated and sealed.

Rating Plate

The model, type and serial numbers are indicated on the rating plate located on the bottom of the cleaner. For prompt and complete service information, always refer to these numbers when inquiring about service.

MODEL	TYPE	SERIAL NO.
VOLTS	AMPS.	HERTZ
 945G		

Model & Type _____

Serial No. _____

HOW TO ASSEMBLE

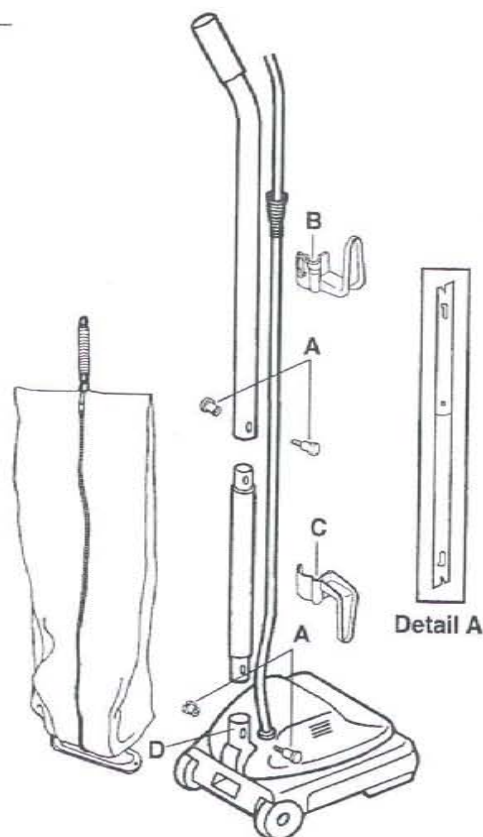
Assembly Packet

The assembly packet is with the owner's guide. The packet contains two 2-part bolts and two cord hooks. An extra drive belt is also included with some models.

Step 1 Assemble the Handle

Slip the upper handle and the lower handle together so the handle bolt holes align and the slots in the handle are positioned as shown in Detail A. Insert a 2-part bolt (A) in the center of the handle and tighten.

Hold the assembled handle so it curves away from the cleaner. Then push the handle into the handle socket (D) at the rear of the cleaner. Align the holes, insert the other 2-part bolt (A), and tighten.



Step 2

Attach The Cord Hooks

Upper Cord Hook

Pull the spring on the electrical cord upward toward the top of the handle. Make sure slots in handle are positioned properly, see Detail A.

Insert the lower half of the spring into the upper cord hook (B), as shown. Snap the hook into the upper handle, directions below.



1. Place inner tab into slot



2. Press hook around handle

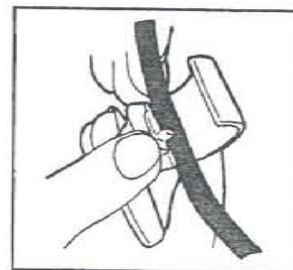
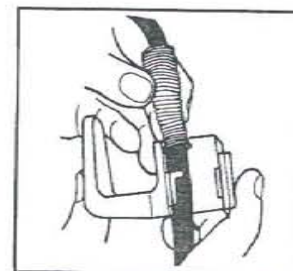


3. SNAP opposite inner tab into place

Step 3

Lower Cord Hook

Insert the power cord into the lower cord hook (C), as shown. Snap the hook into the lower handle. Pull up on the cord to tighten but leave enough slack near the base so the cord is not strained when the handle is lowered. Wrap the cord around the two cord hooks. Fasten the plug to the cord to prevent unwinding.



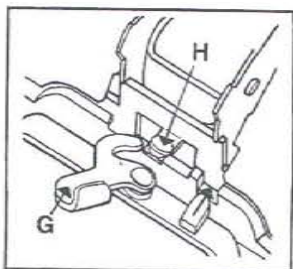
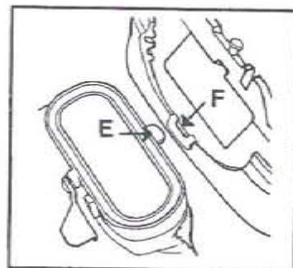
Step 4

Install The Bag

Insert the bag adapter clip (E) on the bottom of the bag collar into the bag adapter retainer (F).

Push the bag collar up and forward so the locator lug slides into the slot indicated by the arrow. Then turn the cam latch (G) to lock the bag onto the rivet (H).

Loop the spring from the top of the bag onto the bag support located to the back of the upper cord hook (B).

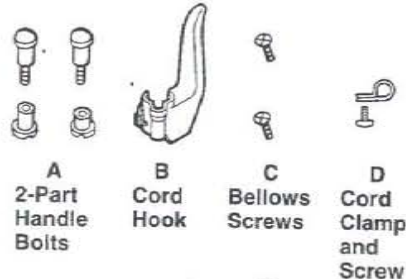


HOW TO ASSEMBLE (PF70DC)

CAUTION: Fully assemble the cleaner before using.

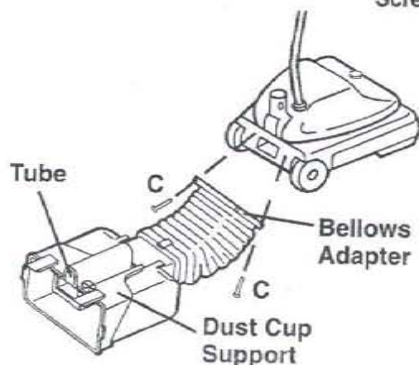
Assembly Packet

The assembly packet contains two 2-part handle bolts, 1 cord hook, 2 bellows screws and 1 cord clamp with a screw. An extra belt is included with some models.



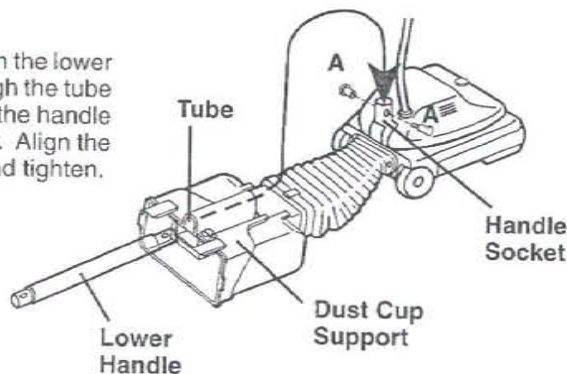
Secure Bellows

Check to be sure the end of the bellows is secure in the chrome bellows adapter. Align the screw holes in the bellows adapter with the back of the base, start the screws (C) by hand, and tighten.



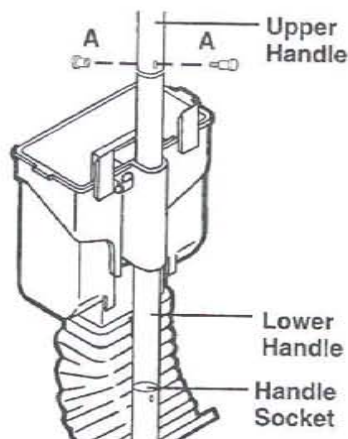
Attach Lower Handle

Raise the dust cup support. Push the lower handle (largest end down) through the tube of the dust cup support and into the handle socket at the back of the cleaner. Align the holes, insert a 2-part bolt (A), and tighten.



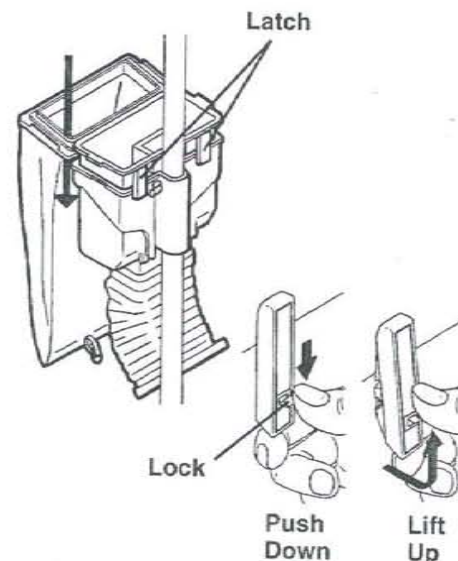
Assemble Upper Handle

Hold the upper handle so it curves away from the cleaner. Then push it down over the lower handle. Secure with the other 2-part handle bolt (A).



Open Dust Cup Lid

Release each latch on the dust cup support (push down on the lock, lift up on the bottom of the latch and pull the top forward). Swivel the lid up and outward.



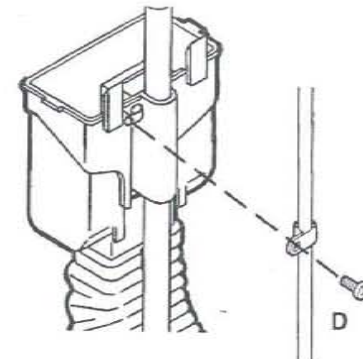
Attach Cloth Bag

Hold the cloth bag by the lower rim so the front faces away from the cleaner. Drop the bag through the open lid.

Push each tab on the lower bag rim into the notches on the dust cup lid. Swivel the lid over the dust cup support and secure each latch.

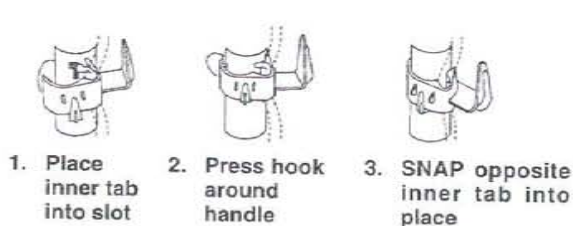
Secure Cord Clamp

Secure the electrical cord to the dust cup support with the cord clamp and screw (D). Place the cord clamp over the electrical cord. Screw the clamp to the tab below the left latch; start the screw by hand, then tighten.



Attach The Cord Hook

Pull the spring on the electrical cord upward toward the top of the handle. Insert the lower half of the spring into the cord hook (B). Snap the hook into the upper handle, directions below.



Pull up on the cord to tighten but leave enough slack near the base so the cord is not strained when the handle is lowered.

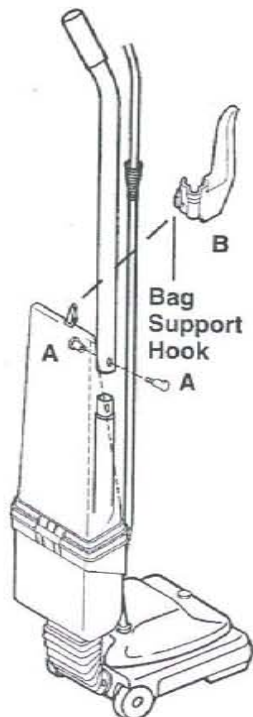


Store Electrical Cord

Loop the cord around the cord hook and secure the plug to prevent unwinding.

Hook Bag Top

Slip the ring at the top of the cloth bag over the bag support hook on the back of the cord hook.



HOW TO USE

The upright vacuum cleaner is designed to be used on multiple types of carpeting. **Do not attempt to use the upright vacuum cleaner on bare floors**, as damage to the floor covering may result.

Handle Adjustment

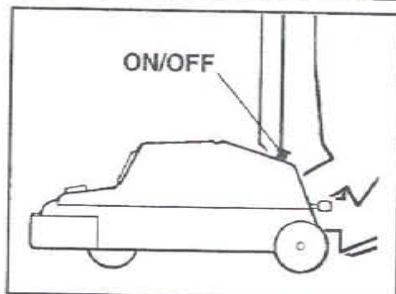
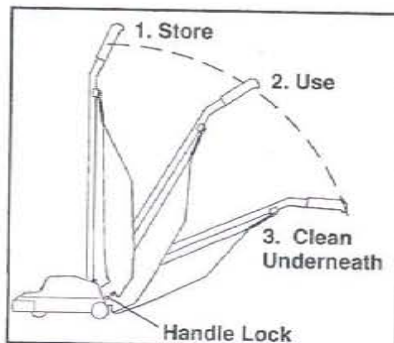
With the tip of the foot, press down to release the handle lock located at the left rear side of the cleaner. Move the handle and adjust it to the desired position for (1) storing upright, (2) operating the cleaner at a comfortable height for the user, and (3) cleaning underneath low furniture.

Power Switch

The power switch is mounted on the motor hobb. A push with the foot turns the motor ON; push again to turn the motor OFF.

Cord Storage

The cleaner has two convenient cord storage hooks attached to the handle. Wind the cord around the hooks and fasten the plug to the cord to prevent unwinding.



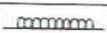
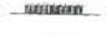
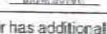
Cleaner Height Setting

WARNING: Avoid injury. Keep loose clothing, hair, fingers, and all other parts of body away from any moving part (such as the revolving brush). Turn off the switch and unplug the cleaner before changing the cleaner height setting.

Adjust the vacuum cleaner height setting to match the carpet pile height. Refer to the following chart of recommended settings for carpet types.

The front of the cleaner has either a knob or slide adjustment which raises or lowers the cleaner base to match the type of carpet. With the cleaner cord unplugged, set the adjustment according to the table as a starting point. **While the cleaner is off and disconnected from the outlet**, place the handle in the operating position, tilt the cleaner back to remove the weight from the wheels, and adjust the setting.

Then plug the cleaner into the electrical outlet, turn on the switch, lower the handle, and pass the cleaner over the carpet. If the cleaner is still difficult to push, follow the procedure and test the cleaner at the next higher setting. Continue testing the setting until the cleaner is comfortable to move. Moving the knob or slide to the next higher setting raises the brush roll slightly, making the cleaner easier to push. However, the brush roll must make contact with the carpet for effective cleaning.

Recommended Setting	Example of Carpet
Position 1 	Low pile as kitchen, indoor, outdoor
Position 2 	Sculptured
Position 3 	Plush or thick sculptured
Position 4 	Thick plush
If the cleaner has additional height settings, they are for thicker carpets or where easier pushing is desired.	

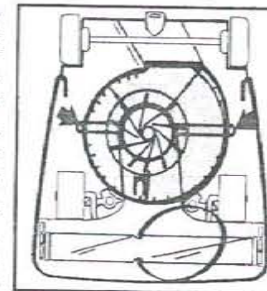
HOW TO MAINTAIN

The instructions given in this booklet serve as a guide to routine maintenance. To avoid unnecessary service calls, check the bag, belt and brush roll often.

Fan Chamber Cover (PF757)

NOTE: Turn off the switch and unplug the electrical cord before cleaning.

The clear, removable fan chamber cover provides easy inspection, cleaning, and maintenance of the fan chamber. Removing the cover provides easy access to the motor fan. Grease buildup, dirt, or other obstructions, visible through the fan cover, should be removed. To clean the fan area, take off the chrome bottom plate by releasing the two cam locks (see Brush Roll Belt, Figure 1 and 2). Remove the belt from the motor pulley, then loosen and remove the screws on either side of the fan cover, as indicated by the arrows. Push the cam locks outward against the wheels to lift the cover from the cleaner base. Dirt and obstructions can easily be cleared; however, caked grease may need to be scraped from the cover and the cleaner. If the fan does not turn freely, it also should be removed for cleaning. To remove the fan, place a wrench over the motor pulley. Hold the fan blades with one hand and turn the wrench counterclockwise. Remove the motor pulley and lift the fan off the motor shaft. Clean the area and replace the fan over the motor shaft. Tighten the motor pulley snugly clockwise with the wrench. If necessary, replace the fan cover or the gasket with replacement parts.



Be sure the gasket is in place. Reposition the fan cover by first placing the exhaust end into place between the large rear wheels. Seat the fan cover firmly. Next replace the belt and bottom plate as the pressure from the bottom plate helps seal the fan cover. Start the two screws by hand to be sure they are straight, then tighten.

Order fan chamber cover replacement kit (fan cover, gasket, two screws).

Cleaner Care

NOTE: Turn off the switch and unplug the electrical cord before cleaning unit. To keep the vacuum cleaner looking new, it can be wiped with a damp cloth and a mild soap solution, then thoroughly dried. Never use any type of chemical, as chemicals can damage the cleaner. When not in use, the cleaner should be stored in a clean, dry place.

Dust Cup and Bag (PF70DC)

The cloth bag and the dust cup play a very important role in the efficiency of the vacuum cleaner. The cloth bag allows air to move through the cleaner while it traps dirt inside the cloth bag and the dust cup. When dirt particles cling to the cloth bag, they can restrict airflow. If air cannot pass through the cloth bag, no cleaning can take place regardless of how powerful the unit. Some fine particles can restrict airflow very quickly and will decrease performance even before the dust cup appears to be full. For that reason, when vacuuming powder, flour dust, or similar fine substances, it may be necessary to turn off the cleaner and empty the dust cup more often.

NOTE: Turn off the switch and unplug the electrical cord before emptying the dust cup. Never operate the vacuum cleaner without the dust cup latched in place.

1. Unhook the clip from the top of the cloth bag.

2. Shake the cloth bag to release dust clinging inside.

3. Release each latch, one on either side of the handle (push down on the lock, lift up on the bottom and pull the top forward.)

NOTE: Keep the latch free of dust or obstructions that would prevent it from locking securely.

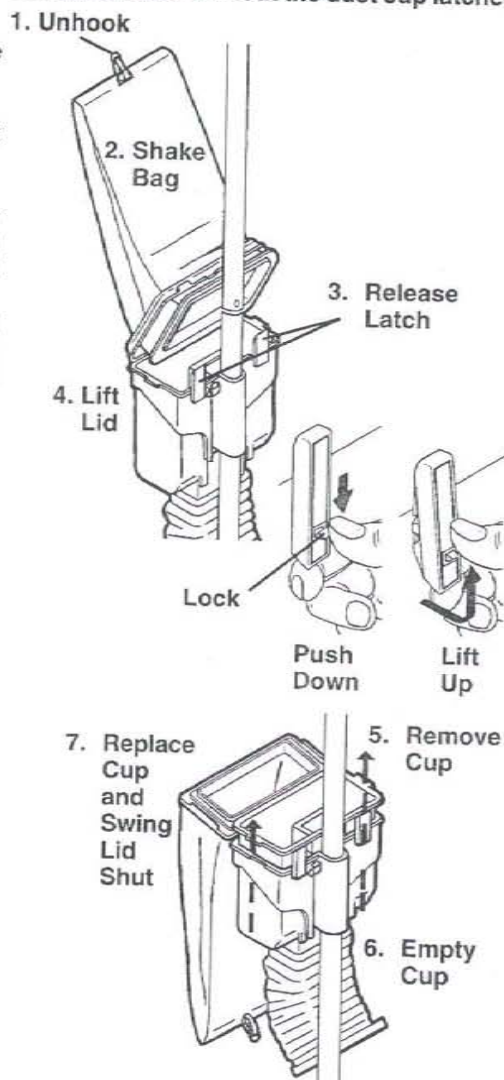
4. Lift the lid; swing it up and outward.

5. Reach in, grasp the dust cup and pull it out of the support.

6. Empty contents in a suitable container. (If desired, the cup can be washed in warm water using a mild soap solution. Be sure the cup is completely dry before replacing.)

7. Place the cup into the support, swing the lid shut, and fasten each latch.

8. Hook clip to top of bag (refer to item 1).

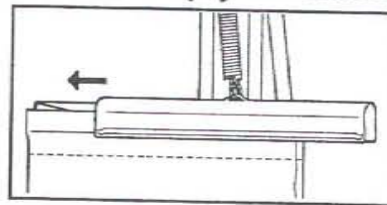


Dust Bag

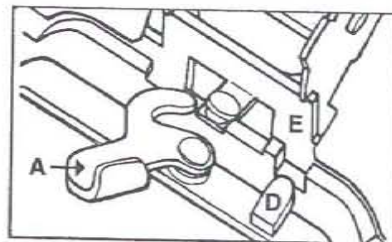
The dust bag plays a very important role in the efficiency of the vacuum cleaner. The bag traps the dirt and allows the air to pass through. If the bag (either cloth or paper) becomes clogged, no air can pass through the cleaner and no cleaning can take place, regardless of how powerful the unit is. To keep the cleaner operating at maximum efficiency, empty or change the dust bag frequently. Some fine particles can restrict air flow very quickly and will decrease performance even before the bag appears to be full. For that reason, when vacuuming carpet fresheners or cleaners, powder, plaster dust, or similar fine substances, the bag may need to be cleaned or changed more often.

NOTE: Turn off the switch and unplug the electrical cord before emptying the bag. Never operate the vacuum cleaner without the dust bag.

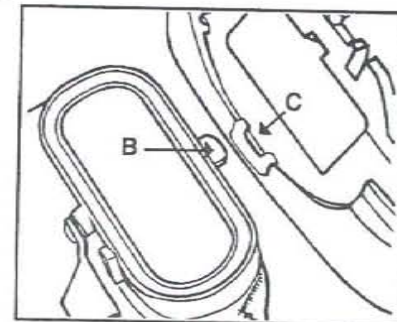
How To Empty Reusable Dust Bag



1. Pull bag out open end of clamp.



2. Turn cam latch (A) on bag collar to release.
3. Place top of bag into appropriate container. Hold bag collar and shake vigorously several times. (Bag can be turned wrong side out and brushed with a whisk broom.)



4. Insert bag adapter clip (B) into bag adapter retainer (C).
5. Push bag collar up and forward so locator lug (D) slides into slot (E).
6. Turn cam latch to lock bag collar onto shoulder rivet.
7. Fold top of bag and slide back into clamp.

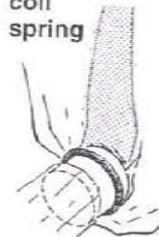
NOTE: Never wash or dry-clean cloth bag.

How To Change Disposable Dust Bag—Style F & G

1. Pull zipper down



2. Roll down coil spring



3. Pull bag throat off sleeve



4. Unfold new bag



6. Roll up coil spring

7. Place paper bag into outer bag
NOTE: Be certain there are no folds at the top or bottom of the paper bag.

8. Lift zipper

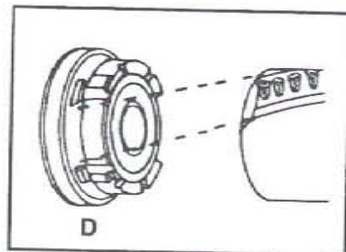
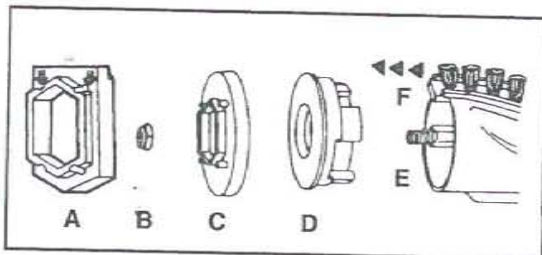
Brush Roll

As the brush roll rotates, it sweeps and combs the carpet nap. Remove hair and threads from the brush roll so it continues brushing the carpet nap. When the bristles of the brush roll no longer touch a straight edge held across the bottom plate, the brush roll is ineffective because the bristles no longer touch the carpet nap. To maintain the most effective cleaning, use a new wood brush roll. Replace the brush strips on the chromed steel brush roll.

How To Replace Worn Brush Strips

NOTE: Turn off the switch and unplug the electrical cord before replacing brush strips.

New brush strips are supplied in sets of two, one long and one short. To replace, remove bottom plate and belt (see How To Change Belt). Then, grasp center of brush roll and lift to remove.



- A. Remove rubber end cap cover from one end.
- B. Unscrew locknut.
- C. Remove end cap.
- D. Remove bearing retainer.
- E. Push shaft through opposite end.
- F. Pull out worn brush strip with pliers.
- F. Slide in new brush strip of same length (rounded end first). Fit track on either side into brush roll slot. Replace second brush strip from opposite end of brush roll.
- E. Replace shaft.
- D. Align indentation on bearing retainer with brush strip on both ends of brush roll.
- C. Position end cap with flat sides of center hole over flat sides of threaded shaft.
- B. Tighten locknut.
- A. Align holes and secure rubber end cap cover flat side against end cap.

When properly assembled, the brush roll should rotate freely between the two end caps. Check the condition of the belt; change if necessary. Replace the brush roll, belt, and bottom plate (see How To Replace A Worn Belt).

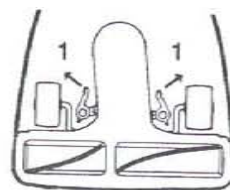
Brush Roll Belt

The brush roll belt on the upright vacuum cleaner drives the brush to agitate, sweep, and comb the carpet nap. The belt should be checked regularly to be sure it is in good condition. Replace the belt if it is stretching, cracking, or slipping. Cut away any hair or thread wound around the brush roll or the belt pulley because the buildup could cause the belt to rotate unevenly.

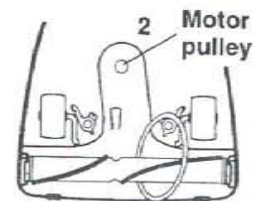
How To Replace A Worn Belt

NOTE: Turn off the switch and unplug the electrical cord before replacing belt. Belt pulleys can become hot during normal use. To prevent burns, avoid touching the belt pulley when servicing the drive belt.

IMPORTANT: Improper installation of the brush roll or brush roll belt could cause carpet or cleaner damage.



1. Release cam locks.

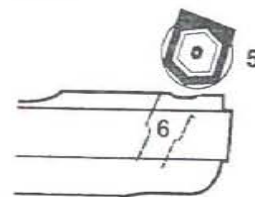


2. Pull up on belt to rotate it off the motor pulley. Lift up on brush roll and remove worn belt.



Check for brush wear (see *Brush Roll instructions*).

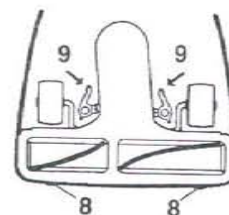
3. Place new belt around brush roll.
4. Align brush roll pulley with belt guide.



5. Place rubber end cap covers over both end caps (flat side against end cap). Align the holes and secure. Then, slant brush roll forward so end caps are in line with slots in cleaner base.
6. Push brush roll into place.



7. Place lower side of belt into belt guide and pull to stretch the belt around the left side of motor pulley. Rotate pulley to secure belt into groove.



8. Place slots of bottom plate over tabs of cleaner base.
9. Seat and secure cam locks.

Headlight Bulb (Standard on some models)

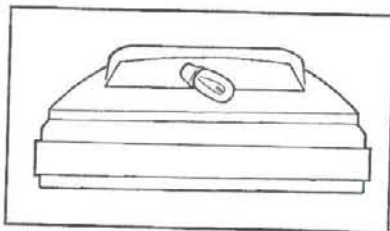
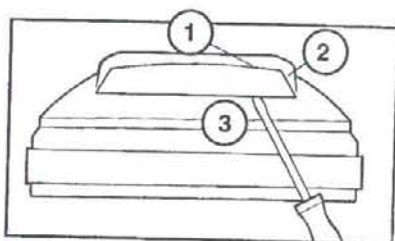
NOTE: Turn off the switch and unplug the electrical cord before replacing headlight bulb.

Headlight style varies by model. Locate the notches that release the tabs at either (1) top, (2) side, or (3) bottom of the lens, as illustrated. Place a screwdriver into one notch; twist or pry the screwdriver to release the lens. Repeat for the second notch on the opposite side.

Rotate the bulb socket forward. Push bulb in and turn to remove. Secure new bulb into socket and rotate bulb socket backward.

Replace the lens tabs into the top of the bottom of the hood opening. Rotate lens to position and press down at each notch until the lens locks into position.

NOTE: Use 25 watt replacement bulb, only.



THE **Powr-Flite**[®] LIMITED WARRANTY

Your Powr-Flite Cleaner has been thoroughly tested, inspected and is guaranteed to be free from defects in workmanship and materials for a period of one year from date of purchase. The cleaner must be used on the electric current stated on the motor rating plate.

The Company will supply new parts for defective parts at no charge. Cleaners returned for guarantee service must be shipped with transportation charges prepaid. Before returning for guarantee service, write for shipping instructions and authorization.

This guarantee does not cover parts requiring replacement due to normal wear or to abuse or negligence of the user. Belts, agitation brushes and bags are excluded from this guarantee.

A TACONY COMPANY
1-800-880-2913

Fort Worth, Texas 76110