

Powr-Flite

COMMERCIAL FLOOR CARE EQUIPMENT

Model PF2028 Wide Area Vacuum

OPERATING INSTRUCTIONS

COMMERCIAL WIDE AREA
VACUUM CLEANER

CONGRATULATIONS

YOU HAVE JUST ACQUIRED A HIGH QUALITY VACUUM
CLEANER. PLEASE READ THIS MANUAL CAREFULLY
BEFORE OPERATING YOUR NEW VACUUM CLEANER.
KEEP MANUAL ON HAND FOR FURTHER REFERENCES.



Save These Instructions

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

*When using an electrical vacuum cleaner basic precautions should be followed.

*Read all instructions before using this vacuum cleaner.

Congratulations on your purchase of a Powr-Flite Piranha PF2028 wide area vacuum. Your new wide area vac comes complete with a 20 foot hose with an attached wand, floor tool, crevice tool and dusting tool. Read this entire manual before operating the PF2028 vacuum.

Unpacking Your New Equipment

All of our products are packaged with care, but damage can happen during shipment. All cartons should be inspected upon receipt for both outwards and concealed damage. Any damage is the responsibility of the freight carrier and should be reported immediately. Shipping damage is not warranted. It is your responsibility to issue a claim and to receive compensation from the freight carrier for any damage done in transit. To expedite any potential claim, do not sign for a shipment until you have verified the carton count and completed a preliminary inspection for damage. Only sign for the order as a damaged shipment. Keep both the shipping container, packing contents and product for inspection or pick-up. Report damage to our customer service department. Claims must be made within 30 days of shipment.

Open box and remove all tools and other loose items.
Tip box over so that the machine stands on its rear side
Roll the machine out of the box.

LIMITED WARRANTY

This product is warranted to be free of defects in workmanship or materials for one year from date of sale. Liability under this warranty is limited to repairing or replacing, any part deemed defective by Powr-Flite. No warranty, expressed or implied, including implied warranties of merchantability of fitness for a particular purpose, other than the above is made or authorized by Powr-Flite.

WHAT THIS WARRANTY DOES NOT INCLUDE: This warranty shall not be in effect if the product has been subject to misuse, abuse, negligence, theft, loss, or accident; or if the product has been repaired or altered in such a manner as to affect its original design. This warranty does not cover replacement of non-approved Powr-Flite parts or parts inoperative because of wear occasioned by use, nor does it cover the cost of parts or labor incurred without prior factory authorization. This Warranty does not cover the free adjustment of any product or part if such was improperly adjusted or altered by the purchaser.

Under no circumstances will Powr-Flite be liable for incidental or consequential damages based on any breach of this Limited Warranty.

IMPORTANT SAFETY INSTRUCTIONS

This manual is to ensure that the PF2028 is operated correctly. All operators must read, understand and practice the following safety instructions.

CAUTION: Make sure motor and fan have come to a complete stop and cord plug removed from wall outlet before servicing cleaner.

CAUTION: When unattended, never leave cleaner running or cord plugged into receptacle.

CAUTION: When running, keep fingers, hair or loose clothing away from intake suction ports, nozzle of revolving brush.

CAUTION: Replace damaged or worn parts with genuine original equipment parts in order to maintain safety and to protect your limited warranty.

CAUTION: Never vacuum live ashes, cigars, cigarette butts or matches.

CAUTION: Never run over power cord or place sharp objects on it.

CAUTION: Never close door on the cord or snag it under furniture or doors.

CAUTION: When disconnecting power cord, grasp the plug – not the cord. Do not use cord to pull cleaner around.

CAUTION: Don't use in an enclosed space where flammable, explosive, aerosol spray products, or toxic materials are stored or used, or where vapors from such materials may be present.

CAUTION: Do not use where oxygen or anesthetics are used.

CAUTION: Do not use the cleaner to pick up hard or sharp objects such as coins, pins, nails, etc. as they may damage the cleaner or filter bag.

CAUTION: Do not plug cleaner into a table lamp or light fixture.

CAUTION: Do not move electric lamps or office equipment while touching the cleaner.

CAUTION: Never vacuum liquids.

CAUTION: Never vacuum floors, rugs or carpets that are wet.

CAUTION: Do not store outdoors.

CAUTION: Replace worn cord sets immediately.

CAUTION: Do not reach for cleaner that has fallen into water. Unplug cord immediately from socket.

CAUTION: Do not use cleaner around electronic safety devices or computers when they are in use. The magnetic field of the cleaner motor may affect their operations.

CAUTION: Keep cord away from heated surfaces.

Grounding Instructions

This cleaner must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This cleaner is equipped with a cord having a grounding wire with an appropriate grounding plug. The plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances.

DANGER: Improper use of the grounding plug can result in a risk of electric shock.

If repair or replacement of the cord or plug is necessary, do not connect the grounding wire to either flat blade terminal. The wire with insulation having an outer surface that is green or without yellow stripes is the grounding wire.

Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the cleaner is properly grounded. Do not modify the plug provided, if it will not fit the outlet, have the proper outlet installed by a qualified electrician. Do not cut the ground pin off of the male plus.

This cleaner is for use on a normal 120 volt circuit and has a grounding plug that looks like the plug illustrated in sketch A. If a properly grounded outlet is not available, a temporary adapter which looks like the adapter illustrated in sketches B and C may be used to connect this plug to a 2 pole receptacle as shown in sketch B. The temporary adapter should be used only until a properly grounded outlet (sketch A) can be installed by a qualified electrician. The rigid ear or lug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box. Whenever the adapter is used, it must be held in place by the metal screw.

If it is necessary to use an extension cord, use only a three wire extension cord that has a three blade grounding plug and a three slot receptacle that will accept the plug of the appliance. Replace or repair a damaged cord.

Operating Instructions

The wide area vacuum has been designed to efficiently clean large areas, carpet and hard surface floors. In areas where more than average dirt is present, it is recommended that a second pass be made over the carpet without turning the machine around. Backing the machine up will lift the carpet nap and help in removing heavy dirt or sand.



Operating Instructions

Caution: When changing the height of the push-handle for use or storage, the thumb-screws must be loosened before lifting the handle.

Tools

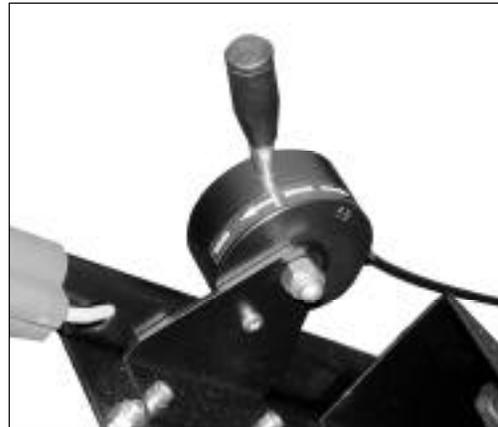
1. Check to see that all tools are present and in place.



Brush Sensor System

The Brush Sensor Control Center lights will indicate when the brush height is in the correct place for the carpet being cleaned. The IDEAL light will come on when the brush height is adjusted properly. The LOWER light is lit when the brush height is too high. Lower the brush height by moving the Brush Roll Height Adjustment Knob away from you or down. If the brush height is too low, the RAISE light will light. Raise the brush height by moving the Brush Roll Height Adjustment Knob towards you or up.

2. Adjust the brush height for the surface being cleaned.
 - Start the brush height adjustment lever as far back as it will go (storage position).
 - Turn machine on with brush lever on.
 - Incrementally lower the brush until the brush bristles rotate on the “top” of the carpet fiber and the green brush indicator remains on.
 - Listen for an audible change in the tone when the brush bristles connect.



Brush roll height adjustment knob



Handle with brush lever and main power switch



Brush Control Center

Replacing the Vacuum Bag

1. Remove the vacuum bag and discard. It is recommended that the bag be checked after each use and replaced as required.



Bag Replacement

Routine Care and Replacing the Filters

1. Remove the high filtration or HEPA filter and discard. Filters should be replaced every 200 hours of use.
2. The motor filter is located on the back of the vacuum. To replace the motor filter remove the 4 screws holding the cover in place. Remove the filter and replace. The motor filter should be replaced every 100 hours of use.



Filter Replacement

Emptying the Debris Collector

1. Remove the debris collector and clean thoroughly. Replace. The debris collector should be cleaned at the end of each shift on a daily basis.



Debris Collector

Replacing the Brush Cassette

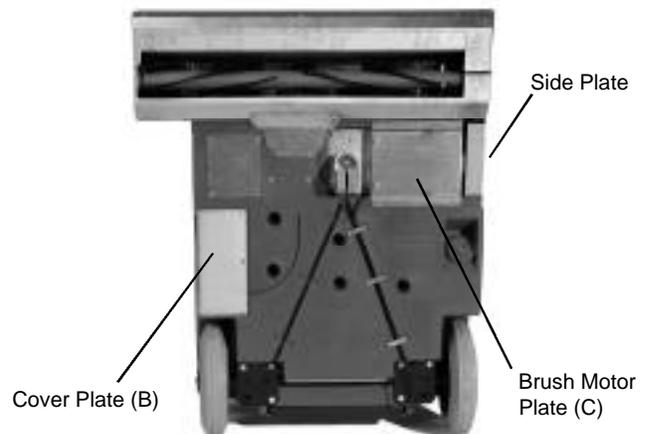
1. Remove side cover plate brush drive (4 bolts).
2. Loosen bolts from belt tensioner.
3. Remove cover plate (B) (4 bolts).
4. Remove brush cassette (5 bolts).
5. Replace brush cassette.

Replacing the Brush Motor

1. Remove side cover plate brush drive (4 bolts).
2. Loosen bolts with washer A from belt tensioner.
3. Remove brush motor base plate by removing bolts (C).
4. Loosen power cord.
5. Remove brush motor and replace with new one.

Adjust Belt Tension

1. Use a screwdriver between the shaft of the brush motor and the pin on the belt tensioner.

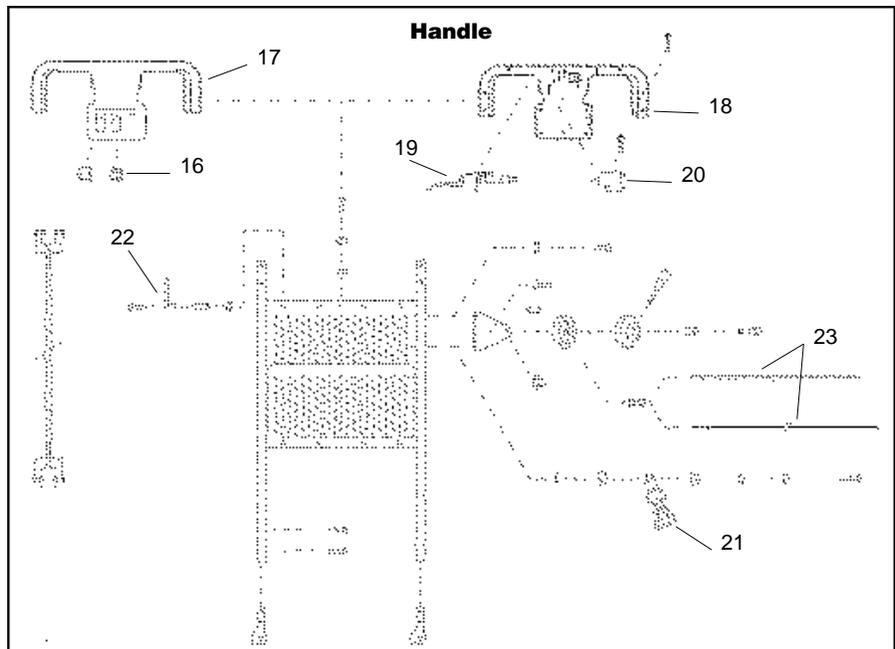
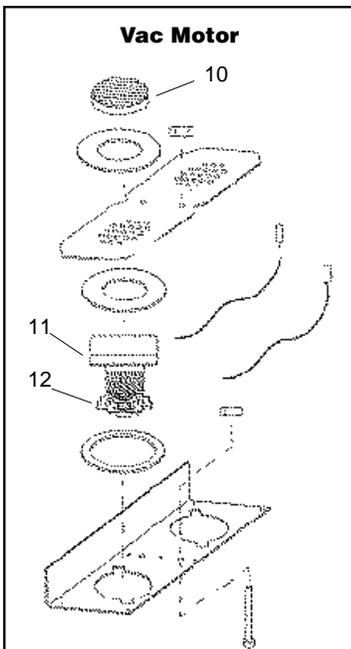
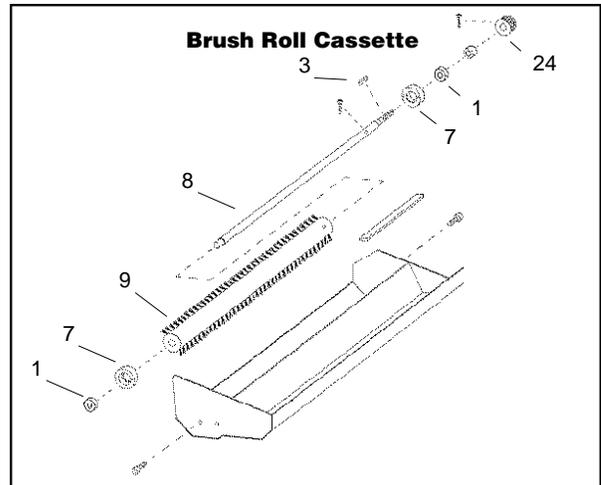
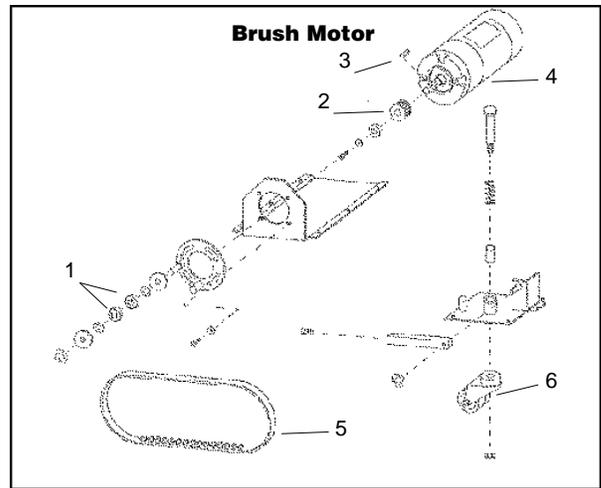


Model PF2028 Parts

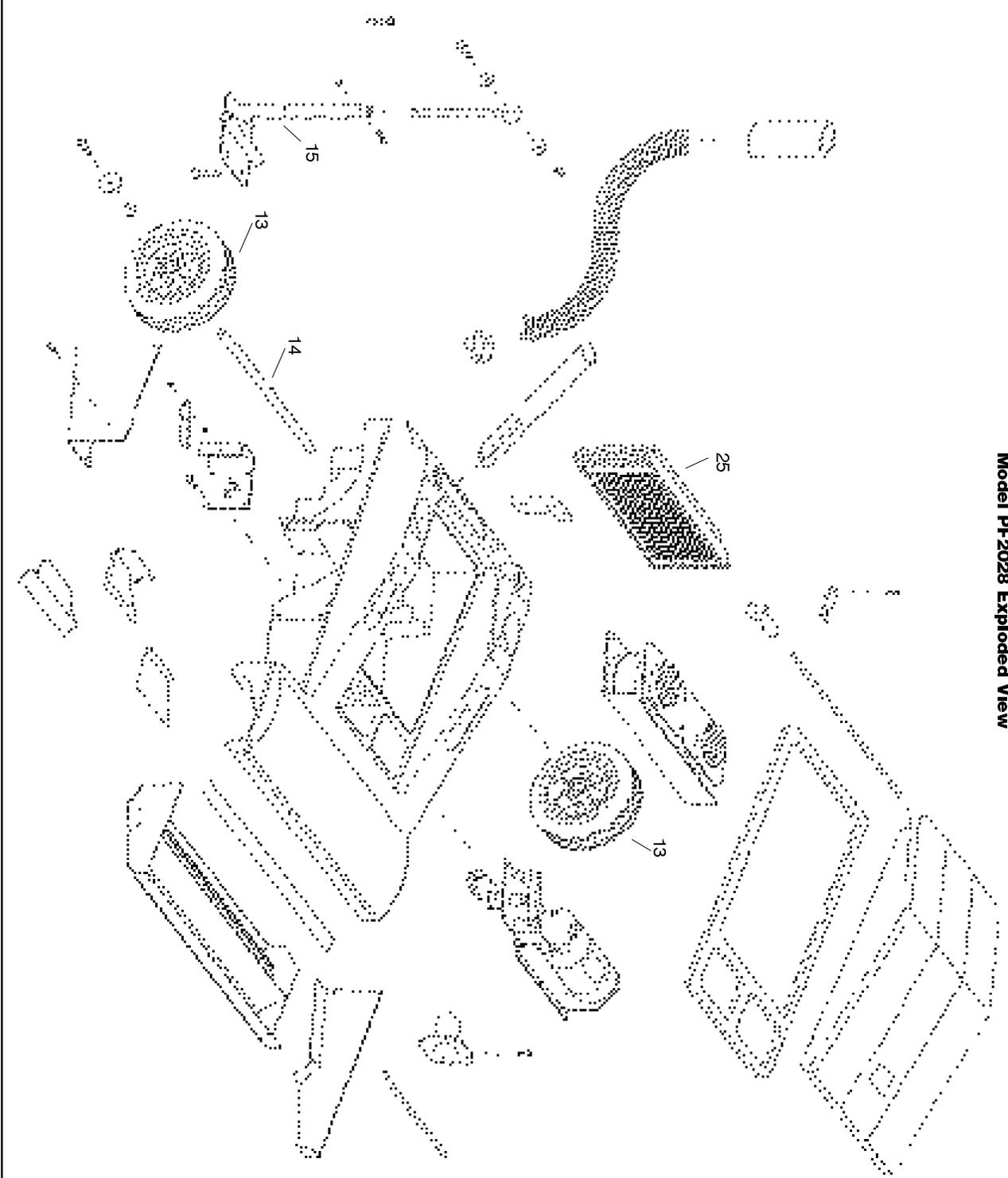
Ref#	Part #	Description
1	WV1	BEARING
2	WV2	MOTOR PULLEY
3	WV3	KEY FOR BRUSH MOTOR AND BRUSH ROLL
4	WV4	BRUSH MOTOR
5	WV5	GEARED BELT
6	WV6	FRONT CASTOR
7	WV7	BEARING RING
8	WV8	BRUSH ROLL SHAFT
9	WV9	BRUSH ROLL ASSY.
10	WV10	MOTOR FILTER HOLDER ASSY.
11	WV11	VACUUM MOTOR
12	WV12	THERMAL FUSE
13	WV13	REAR WHEEL
14	WV14	REAR WHEEL SHAFT
15	WV15	RIGHT REAR WHEEL SUPPORT
	WV16	LEFT REAR WHEEL SUPPORT
16	WV17	SWITCH WITH LIGHT
17	WV18	HANDLE FRONT
18	WV19	HANDLE BACK
19	WV20	LEVER ON/OFF
20	WV21	SWITCH LEVER
21	WV23	CABLE RESTRAIN ASSY.
22	WV24	CORD HOOK, BLACK
23	WV25	CABLE SET
24	WV27	BRUSH ROLL PULLEY
25	WV28	FILTER CASSETT

items not illustrated

M1400	14/3 75' YELLOW CORD
WV26	CIRCUIT BOARD
WV37	FLOOR TOOL
WV29	CREVICE TOOL
WV30	DUST BRUSH
WV31	WAND
WV32	UPHOLSTERY TOOL
WV33	HOSE ASSY. WITH SUCTION CONTROL
WV34	HEPA FILTER CASSETT
WV35	PAPER BAG 10PK
WV36	CLOTH BAG



Model PF2028 Exploded View



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