



Vacuum Cleaner

Operating Instructions

For the 8000 Series



Save These Instructions

Before you plug in your Riccar Vacuum Cleaner, make sure you have read these instructions. These instructions should be kept in a safe place and read again whenever the Vacuum Cleaner is to be used.

Before operating the unit, please read these instructions completely.

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Customer's Record

The model and serial numbers of this product may be found on the back side of the unit. You should note the model and serial numbers of your unit in the spaces provided below, and retain this book as a permanent record of your purchase.

Model Number: _____

Serial Number: _____

Date Purchased: _____

Your Riccar Vacuum Cleaner is a product of high quality materials and superior workmanship. It has many desirable features, such as a large capacity disposable filter bag, and others. Starting today, your new Riccar Vacuum Cleaner will work for you on carpets, floors and for all other cleaning needs in your home. We urge you to read these operating instructions carefully before you use this vacuum cleaner, in order to obtain the full performance and satisfaction that it can offer you.

Save These Instructions

Before you plug in your Riccar Vacuum Cleaner, make sure that the voltage indicated on the rating plate located underneath the Vacuum Cleaner is the same as your local supply.

Important Safety Instructions

READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE.

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

SAVE THESE INSTRUCTIONS

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

1. Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
2. **WARNING: ELECTRIC SHOCK COULD OCCUR IF USED OUTDOORS OR ON WET SURFACES.**
3. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
4. Use only as described in this manual. Use only manufacturer's recommended attachments.
5. 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.
6. Do not pull or carry by cord, use cord as a 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.
7. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
8. Do not handle plug or appliance with wet hands.
9. 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 air flow.
10. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
11. Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
12. Do not use without dust bag and/or filters in place.
13. Turn off all controls before unplugging.
14. Use extra care when cleaning on stairs.
15. Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
16. Do not attempt to service the unit while appliance is plugged in.

Grounding Instructions

Models 8715 and 8750 only

This appliance must be grounded. If it should malfunction or break down, 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.

This appliance is for use on a nominal 120 volt circuit and has a ground plug that looks like the plug illustrated in figure 1. Make sure that the appliance is connected to an outlet having the same configuration as the plug. No adaptor should be used with this appliance.

WARNING – Improper connection of the equipment-grounding conductor can result in a 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 a proper outlet installed by a qualified electrician.

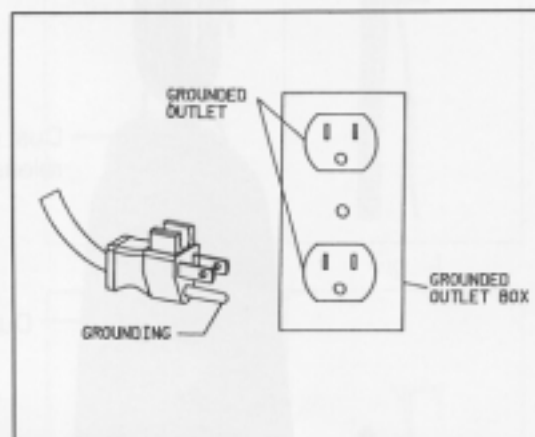


Fig. 1

Two Wire Polarized Cord

Models 8625, 8650 and 8850 only

This product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact an electrician to replace the obsolete outlet. Do not defeat the safety purpose of the polarized plug.

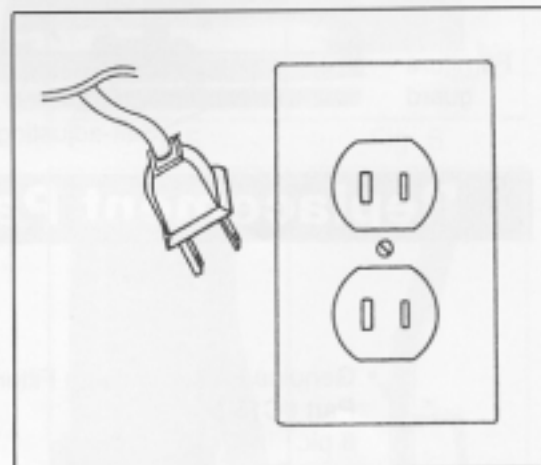
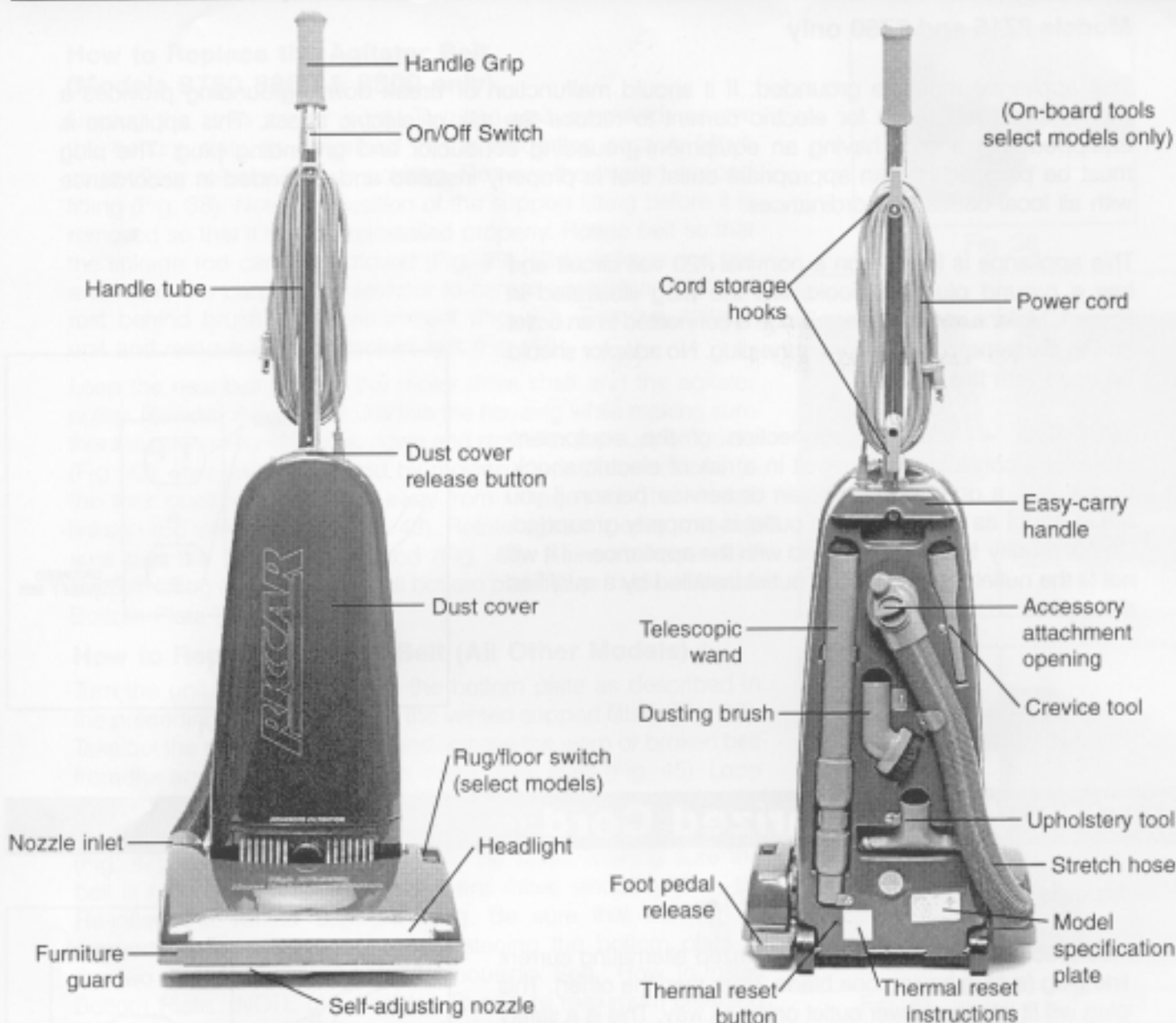


Fig. 1A

Parts Identification



Replacement Parts

- Genuine Riccar Vacuum Filter Bags
Part #C15-6
6 pk.
- Vacuum Agitator Belt
Part #A20-R2
- Secondary Filter
Part #F10
- Post Filter
Part #RF8-2
2 sets
- Light Bulb
Standard Bayonet Base, 15 watt, 100-120V
Part #A32

How to Assemble the Vacuum

How to Attach the Handle to the Vacuum Cleaner

The cleaner and the handle are packed separately.

1. After first removing the handle screw, insert handle into the hole on top of the vacuum cleaner. Make sure that the switch on the handle is positioned to the front of the vacuum cleaner. (Fig. 3)
2. Line up the small hole on the handle with the small hole on the vacuum cleaner and insert the screw. Make sure the screw is tightened securely.
3. Attach the power cord at the clip located on the upper cord hook (Fig. 4).
4. Turn the upper cord storage hook to the upright position and wind the power cord around the cord storage hooks when storing the vacuum cleaner. (Fig. 5).

How to Install Hose Assembly

1. Insert suction inlet in opening (bag collar) on back of unit. Push inlet inward until it snaps into a locked position (Fig. 6). Pull outward on inlet to make sure it is locked securely.
2. Install hose cuff in nozzle inlet (Fig. 7).

How to Release the Power Cord

1. The upper cord storage hook has a quick-release action. To release the cord, rotate the hook downward and the cord will drop off the handle for immediate use. (Fig. 8).
2. Return the hook to the upright position before attempting to rewind the cord. (Fig. 4).

On/Off Switch

1. To start the vacuum cleaner, slide the switch on the handle to the ON position.
2. To stop the vacuum cleaner, slide the switch on the handle to the OFF position.
3. Turn the vacuum off before unplugging from the electrical outlet.



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8

Handle Adjustments

1. The handle of this vacuum cleaner can be set to one of three positions: Upright, Middle or Low. To release the handle, step on the pedal at the left rear corner of the vacuum cleaner (Fig. 15).
2. Upright position: Handle locks in this position for vacuum cleaner storage. The handle should always be in an upright position when cleaning tools are used (Fig. 15).
3. Middle position: This position is for normal cleaning (Fig. 16). While in middle position, the front of the nozzle can be raised by lowering handle in order to cross room thresholds.
4. Low position: This position is used for cleaning under furniture (Fig. 17).



Fig. 15



Fig. 16



Fig. 17

How to Change Filter Bag

Genuine Riccar® Vacuum Cleaner Filter bags should be used for best performance and air filtration. Always operate the vacuum cleaner with a filter bag installed.

1. Remove the used filter bag by pulling bag collar off the bag holder (Fig. 18).
2. After removing used filter bag, close Dust Guard™ bag collar door to seal full bag (see instructions on bag collar).
3. Simply attach the new filter bag onto the bag holder. (Fig. 19).
4. Re-insert the tab on end of the dust cover into the groove on the dust compartment housing. Then press it into place and fasten the dust cover tightly. (Fig. 20)



Fig. 18



Fig. 19

Secondary Filter

The secondary filter protects the motor from dust and dirt. Before installing a new filter bag, check the filter. Accumulated dirt in the dust compartment will be collected on this filter and may restrict motor performance, when the filter becomes dirty. (Fig. 21).

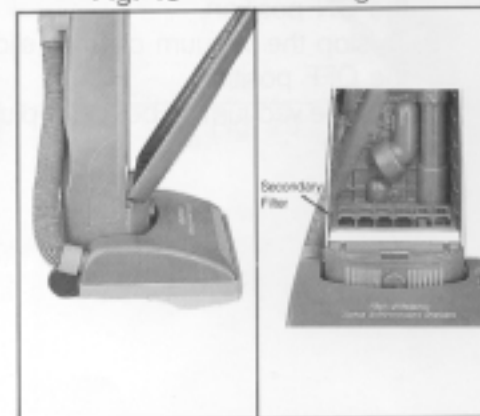


Fig. 20

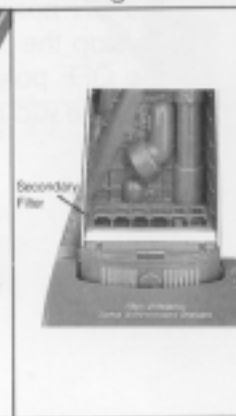


Fig. 21

To clean the Secondary Filter

Remove bag supporter (some models only) by releasing the right tab on underside of bag supporter. Lift and rotate to remove bag supporter. Now, remove secondary filter from bottom of dust compartment. Secondary filter can be washed or replaced. If washed, make sure filter is completely dry before it is reinstalled. Reinstall bag supporter (Fig. 22).



Fig. 22

Post Filter

Your Riccar Vacuum Cleaner is equipped with an auxiliary post filter to capture fine dust particles and purify the air before it exits the machine. It is important to change the post filter regularly—approximately every third filter bag change, or as needed.

To change the Post Filter:

1. Depress handle release pedal and move vacuum to lower position (Fig. 23).
2. Remove post filter cover (Fig. 24).
3. Remove soiled filters and replace with new post filters. Install new filters under small clips that secure filter on edges.

NOTE: Post filters can not be washed.

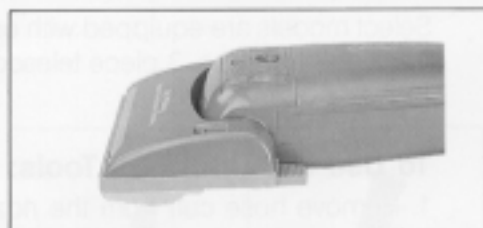


Fig. 23



Fig. 24

Edge Cleaning Feature

The edge cleaning feature provides for improved cleaning of carpets near wall and stationary furniture.

Automatic Self Adjusting Rug Nozzle

Your Riccar upright vacuum cleaner is designed with an Automatic Self Adjusting Rug Nozzle. No manual adjustments are required. The height of the rug nozzle is instantly and automatically adjusted to carpet pile height. This self adjusting feature allows the rug nozzle to float evenly over all carpet pile surfaces.

Carpet/Floor Selector (Models 8625, 8750 & 8850 only)

When vacuuming bare floors or tile, or when using attachments, disengage the brush roll by moving the switch located on the nozzle housing to the floor setting (Fig. 25).

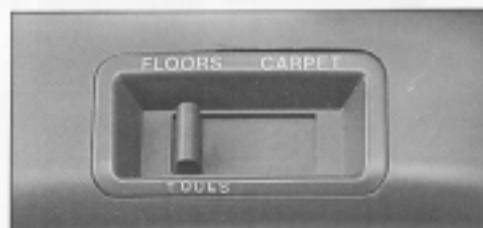


Fig. 25

On-Board Cleaning Tools (Models 8850 8750 & 8650 only)

Select models are equipped with on-board cleaning tools including 4 to 1 stretch hose, 3 piece telescopic wand, crevice tool, dusting tool, upholstery tool.

To Use the On-Board Tools:

1. Remove hose cuff from the nozzle inlet (Fig. 26).
2. Remove the telescopic wand from the body of the vacuum and connect it to the hose cuff (Fig. 27). Unlock wand collars, extend wand and re-lock wand collars. NOTE: Wand collar locking rotation is marked with arrows on wand. Cleaning tools can be used with wand extended or compressed or the tools can be used without the wand by connecting the tools directly to the hose cuff (Fig. 28).
3. Select the proper tool for your cleaning situation and connect the tool to the end of the wand or cuff (Fig. 29). NOTE: Tools store conveniently in vacuum body by snap-fit.



Fig. 26

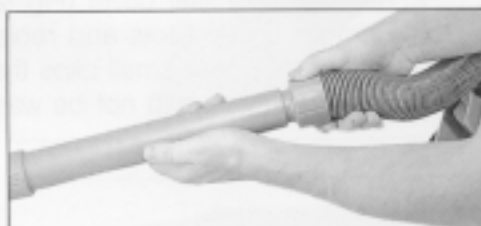


Fig. 27



Fig. 28



Fig. 29

How to Replace the Headlight Bulb

(Select Models Only)

CAUTION: First, disconnect the vacuum cleaner from the electrical outlet.

1. How to Remove the Bottom Plate.

To replace any of the following parts, place vacuum cleaner in the low position by using the handle release pedal. Then, turn the vacuum cleaner over, exposing the underside. Remove the two screws holding the lower plate in place. Now remove the bottom plate.



Fig. 32

2. How to Replace The Bulbs.

Remove the headlight bracket screw (Fig. 32). Slide bracket back and lift bracket upward and out of nozzle (Fig. 33). To remove the light bulb, push in, turn counter clockwise and remove from socket. **NOTE:** Replacement bulb should be rated at 120 volts, 15 watts. To install new bulb, simply insert into socket matching bulb guide pins and guides in socket. Push bulb in and rotate clockwise until bulb will not turn further. Re-install headlight socket bracket into housing and re-install screws.



Fig. 33

3. How to Install Bottom Plate

Install bottom plate making sure bottom plate hinges are in place on front of housing (Fig. 34) before securing screws.

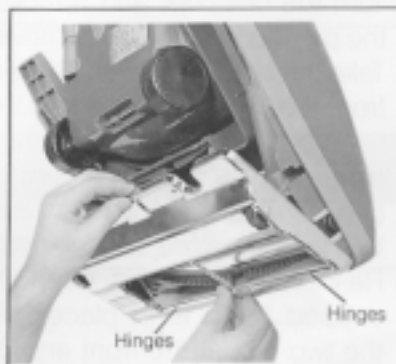


Fig. 34

How to Change the Agitator Belt Drive

How to Replace the Agitator Belt (Models 8750 8850 & 8800 only)

Unplug the unit's power cord. Turn the unit over and remove the bottom plate as described in the preceding section. Move carpet/floor selector to floor position. Remove the vented support fitting (Fig. 38). Note the position of the support fitting before it is removed so that it can be reinstalled properly. Rotate belt so that the linkage rod can be removed (Fig. 39). Slide linkage rod out and move the carpet/floor selector to carpet position and let rod rest behind brush roll compartment (Fig. 40). Remove agitator unit and remove worn or broken belt (Fig. 41).

Loop the new belt around the motor drive shaft and the agitator pulley. Reinstall the agitator unit into the housing while making sure that the positioning fork faces down and straddles the support guide (Fig. 42). Reinstall linkage rod by moving carpet/floor selector to the floor position. Rotate belt away from linkage rod. Then install linkage rod into brush roll (Fig. 43). Rotate agitator pulley, making sure that the belt is not twisted (Fig. 44). Reinsert the vented support fitting (Fig. 38). Reinstall bottom plate. (See "How to Install Bottom Plate").

How to Replace Agitator Belt (All Other Models)

Turn the unit over and remove the bottom plate as described in the preceding section. Remove the vented support fitting (Fig. 38). Take out the agitator assembly and remove the worn or broken belt from the agitator pulley and the motor drive shaft (Fig. 45). Loop the new belt around the agitator pulley and the motor drive shaft (Fig. 46). Re-insert the agitator assembly back into the housing (Fig. 47). Turn the agitator assembly by hand, making sure the belt is not twisted and all rotating parts move smoothly (Fig. 48). Re-insert the vented support fitting. Be sure that the vented support fitting is in place before fastening the bottom plate to the two ribs at the front end of the housing. See "How To Install Bottom Plate." NOTE (All models): To ensure maximum cleaning efficiency, the belt should be checked regularly to be sure it is in good condition. Check to see if the belt is stretched, cracked or if excessive slipping has occurred. Replace if needed.



Fig. 38



Fig. 39

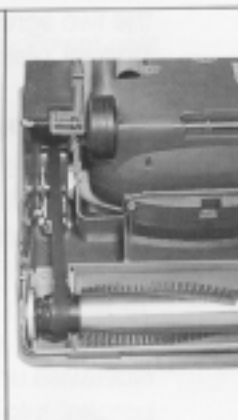


Fig. 40



Fig. 41



Fig. 42



Fig. 43



Fig. 44



Fig. 45



Fig. 46



Fig. 47

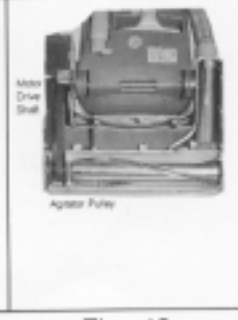


Fig. 48

How to Clean the Nozzle Housing

CAUTION:

Disconnect the vacuum cleaner from electrical outlet.

The nozzle hose, located on the back of the vacuum cleaner, carries the dirt from the nozzle to the filter bag. The hose also functions as the attachment cleaning hose. If the hose should become clogged:

1. Pull out and turn the lid of the cleaning attachment opening. Remove the clog or blockage.
2. If the above step is not enough, remove hose cuff from the nozzle inlet (Fig. 49). Turn the unit over and unscrew the bottom plate and remove plate (see "How To Remove Bottom Plate.") Check nozzle inlet tube for obstructions. Clear tube and re-install the bottom plate (Fig. 50).



Fig. 49

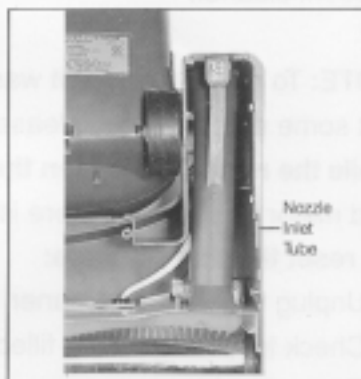


Fig. 50

For Best Performance

- Keep machine and all accessories clean in good operating condition.
- Change filter, bags and filters as recommended to maintain optimum cleaning efficiency.
- Always use genuine Riccar filter bags and filters, as use of other products may result in poor cleaning or filtration performance. Riccar filtration products are designed for maximum performance.
- Have machine checked periodically by an Authorized Riccar Vacuum Service Center.
- Use only Riccar Vacuum Cleaner authorized service centers for parts or service.
- Store machine carefully in dry area.
- For optimum cleaning performance and safety, study and follow your Owner's Manual. Keep it in a handy and safe place for future reference.

Riccar America Vacuum Cleaners
1800 E. Walnut Ave.
Fullerton, CA 92831

Contact your local authorized Riccar Dealer for more information on service.

Visit our website at
www.riccar.com
to find your local Riccar Dealer.

New Thermal Fuse Protection

Models 8625A, 8650A, 8715A, 8750A and 8850A only

Your Riccar commercial vacuum cleaner comes equipped with a Manual Reset Thermal Fuse Protector. This thermal protector is designed to protect your vacuum cleaner from overheating due to a cutoff in airflow (i.e. clogged hose, operating the vacuum without a bag). Should this situation occur, the thermal fuse protector will safely shut off your vacuum cleaner to avoid any potential damage to your vacuum cleaner.

NOTE: To determine that it was the thermal fuse protector that turned off your vacuum cleaner and not some other reason, please refer to the vacuum cleaner's headlights. **If the headlights are on while the motor is off, then the thermal fuse did safely shut down the motor.** If both the headlights and motor are off, then there is some reason other than the thermal protector (i.e. pulled plug).

To reset the thermal fuse:

1. Unplug the vacuum cleaner
2. Check for problem-over filled bag, clog in hose, clogged filters etc.
3. Correct problem
4. Locate "tripped" fuse-it's a small red button located on the bottom of the back side of the main body (roughly one inch to the right of the left wheel)
5. Using a pencil, paper clip or other pointy object, push the reset button in
6. Plug vacuum cleaner in and begin using.

Please refer to your Authorized Riccar Dealer for any questions.