

# Instruction Manual

## *Cirrus*

### *Vacuum Cleaners*



Models : **CR8100**  
**CR9100**  
**CR9100A**

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## **Customer's Record**

The model number and serial number of your new vacuum cleaner is located on the underside of the unit. Please record these numbers in the spaces provided below, and keep this booklet as a permanent record of your purchase.

**Model Number:** \_\_\_\_\_

**Serial Number:** \_\_\_\_\_

**Date Purchased:** \_\_\_\_\_

# **IMPORTANT SAFETY INSTRUCTIONS**

## **READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE.**

When using your Vacuum Cleaner, basic precautions should always be followed, including the following :

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

1. Before connecting the power cord of your new Vacuum Cleaner to an electrical outlet, check the voltage rating. Your power source should correspond with the voltage rating plate on the underside of the vacuum cleaner. Use only household alternate current outlets. Never use direct current power sources. If you are unsure of the voltage supply in your area, consult a qualified electrician. Connecting the vacuum cleaner to a higher voltage than indicated in these instructions may result in damage to the vacuum cleaner and/or personal injury.
2. Do not leave the vacuum cleaner while plugged in. Unplug from the outlet when not in use, and before servicing.
3. DO NOT USE OUTDOORS OR ON WET SURFACES.
4. Do not allow the vacuum cleaner to be used as a toy. Pay close attention when using by or near children.
5. Use only as described in this manual. Use only manufacturer's recommended attachments.
6. Do not use the vacuum cleaner if the cord or plug is damaged.
7. If the vacuum cleaner is not working as it should, has been dropped, damaged, left outdoors or immersed in water, return it to an authorized Vacuum Cleaner dealer.
8. Do not pull or carry by the cord, use the cord as a handle, run appliance over cord, close a door on the cord, or pull the cord around sharp edges or corners. Keep the cord away from heated surfaces.
9. Do not unplug by pulling on the cord. To unplug, grasp the plug, not the cord.
10. Do not handle the plug or the vacuum cleaner with wet hands.
11. Do not put objects into the openings. Do not use with any openings blocked. Keep free of dust, lint, hair and anything that may reduce air flow.
12. Do not allow loose clothing, hair, fingers or other parts of the body to come into contact with any openings or moving parts of the vacuum cleaner.
13. Do not vacuum anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
14. Do not use without the dust bag and/or filters in place.
15. Always turn off all controls before unplugging the vacuum cleaner, or before connecting or disconnecting either the hose or the agitating brush.
16. Use extra care when cleaning on stairs.

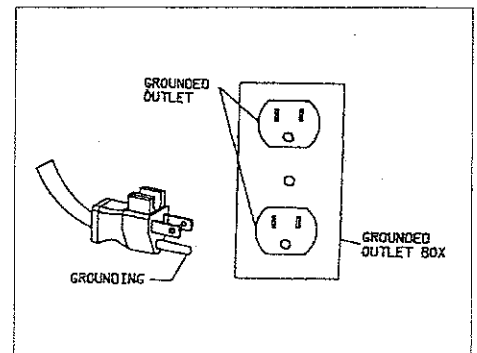
17. Do not use the vacuum cleaner to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present, as this could impair the electrical safety of the vacuum cleaner.
18. Floor attachments and accessories must not be used at head level to avoid the risk of injury to eyes and ears.
19. Do not touch the agitating brush when in use.
20. Vacuum Cleaner dustbags are disposable and are intended to be used only once. Do not attempt to reuse them.
21. DO NOT USE THE VACUUM CLEANER ON PEOPLE OR ON ANIMALS.
22. This appliance is for use on a nominal 120-volt circuit and has a grounding attachment plug. Make sure that the appliance is connected to an outlet having the same configuration as the plug. No adapter should be used with this appliance.

## COMMERCIAL MODEL CR8100 、 CR9100& CR9100 A

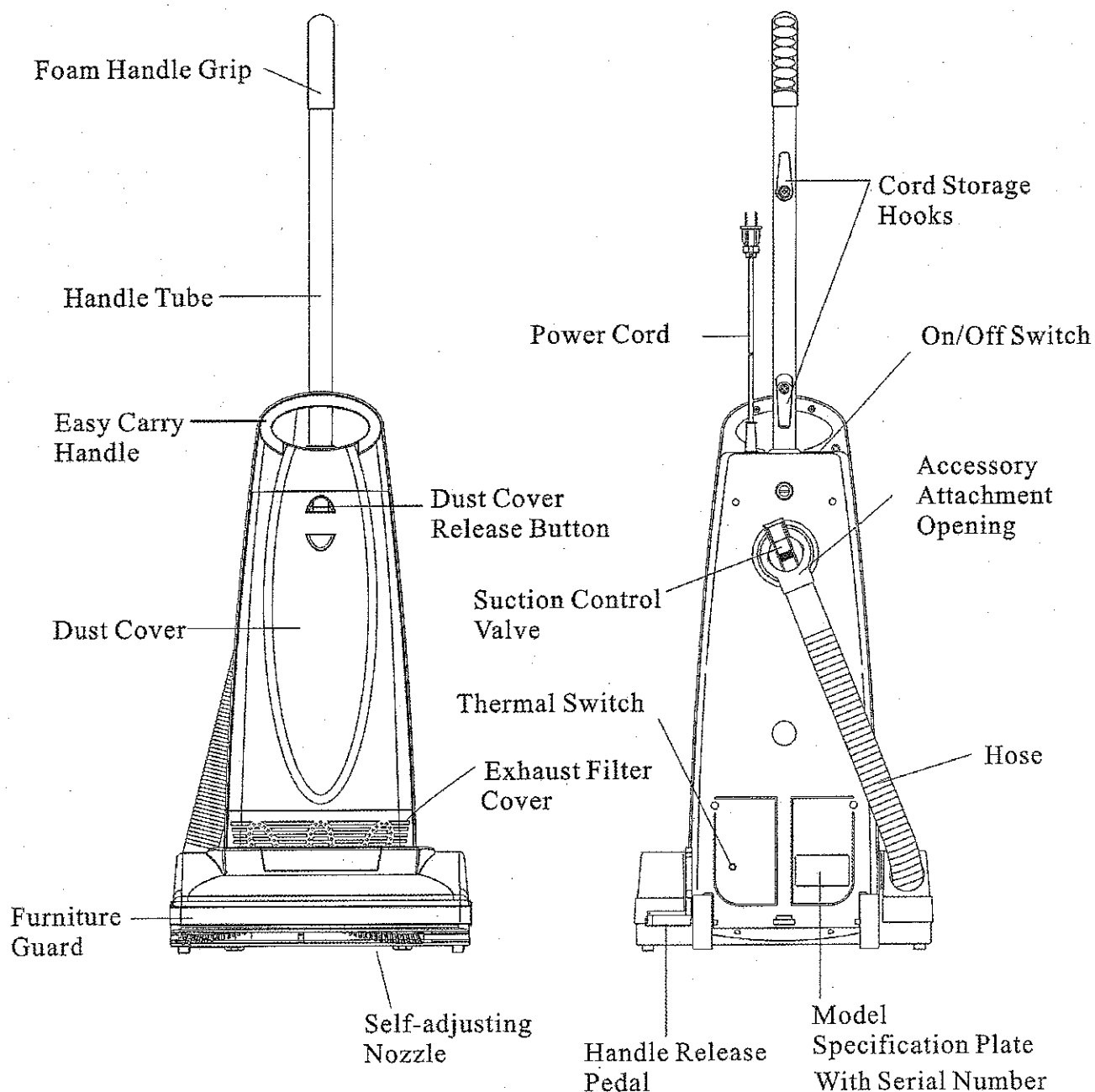
This appliance must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be plugged 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. 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 can not fit the outlet, have a proper outlet installed by a qualified electrician.



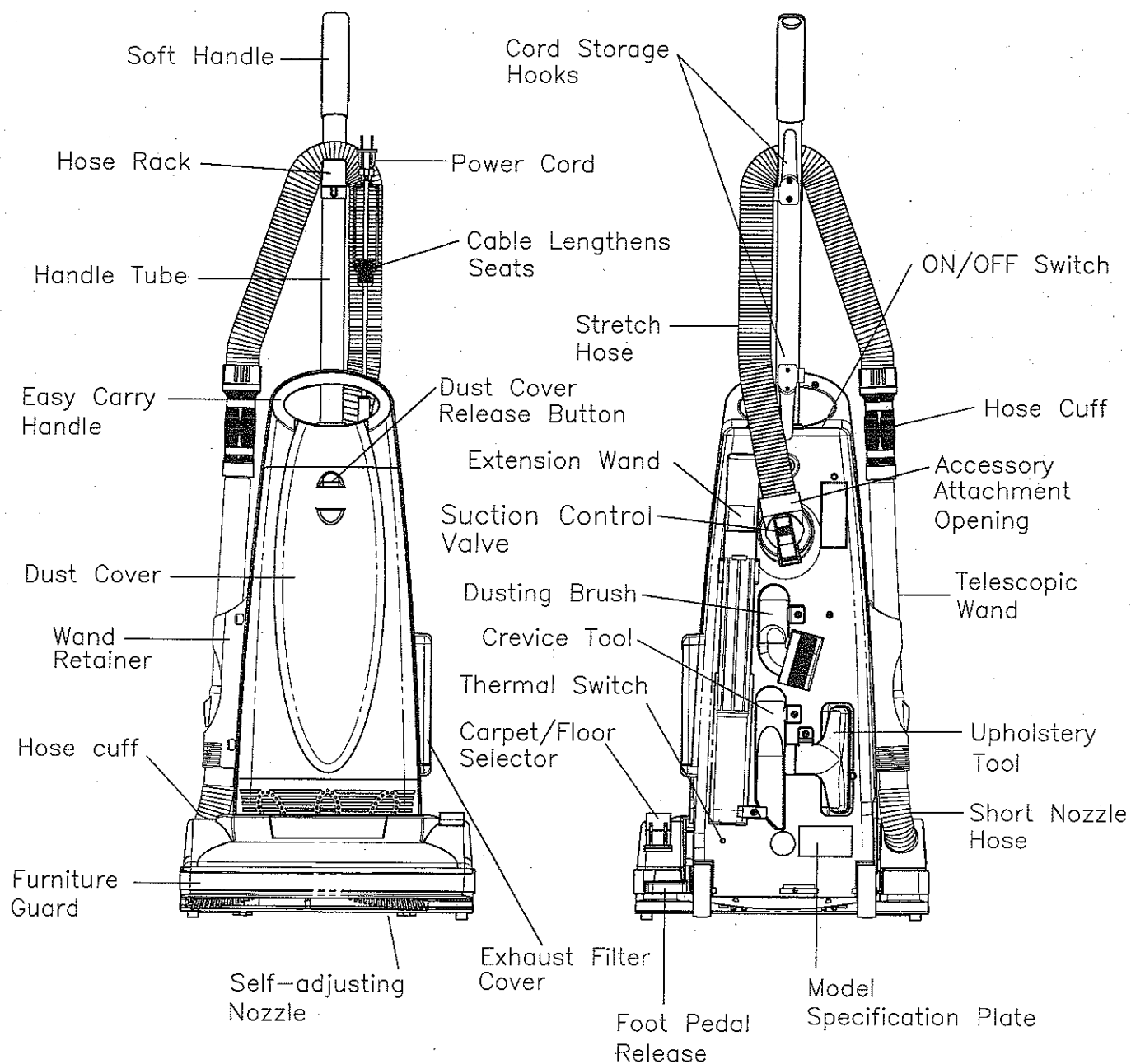
# PARTS IDENTIFICATION: Model CR8100 (Commercial)



## FEATURE COMPARISON CHART

FEATURE Model	INPUT (amps)	POWER CONTORL	FULL BAG INDICATOR	HEAD LIGHT	CORD LENGTH (feet)
CR8100	10.0	1-SPEED	NO	NO	40

# PARTS IDENTIFICATION: Model CR9100 & CR9100A (Commercial)



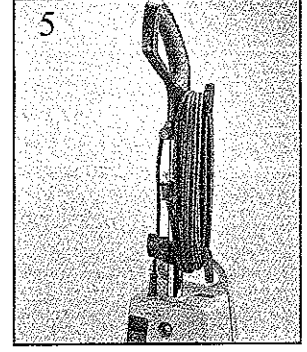
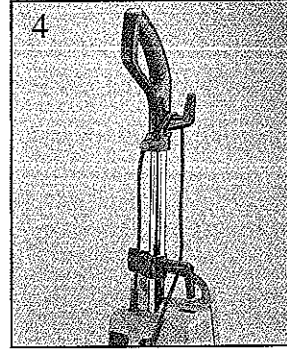
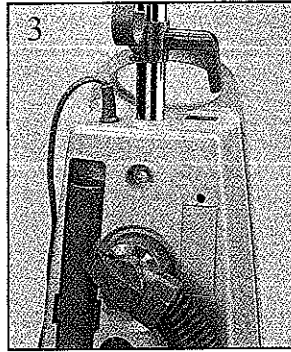
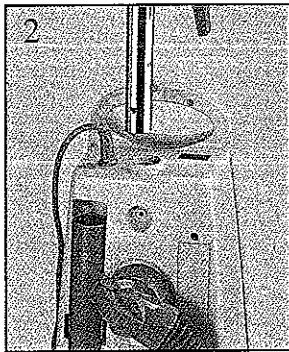
## FEATURE COMPARISON CHART

FEATURE Model	INPUT (amps)	POWER CONTROL	FULL BAG INDICATOR	HEAD LIGHT	CORD LENGTH (feet)
CR9100	10.0	1-SPEED	NO	NO	40
CR9100A	10.0	1-SPEED	NO	NO	50

# VACUUM ASSEMBLY INSTRUCTION

## Attaching the Handle

1. Remove handle screw.
2. Insert handle into top of dust cover with handle switch facing forward.
3. Align small hole on handle with screw hole in dust cover. Insert screw and tighten securely.  
(All models)
4. Turn cord storage hook to upright position and wind cord between upper and lower hooks to store.
5. To quick-release cord: simply rotate hook downward and cord will drop for immediate use.

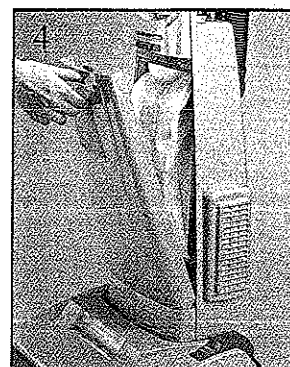
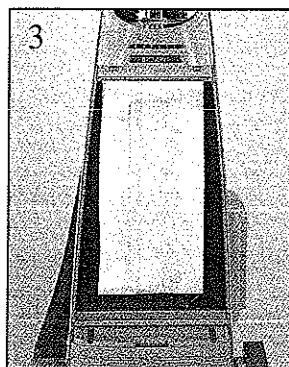
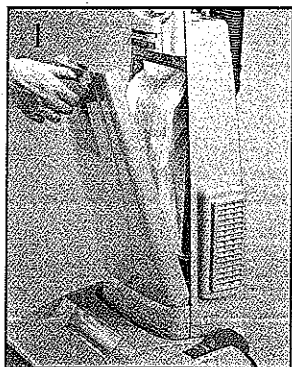




## Replacing the dust bag:

*\*Remember:* Always have a dust bag installed when operating your Vacuum Cleaner. Replace with a genuine dust bag when full.

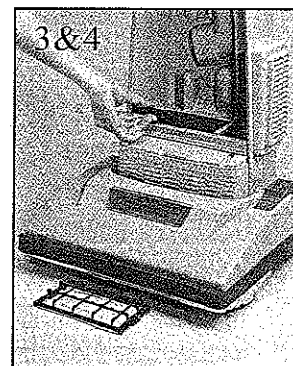
1. Push down on knob at top of dust cover to open compartment.
2. Pull cardboard bag collar off holder. Remove and discard used dust bag.
3. Slide clean replacement bag collar onto holder.
4. Close dust cover by reinserting tab on lower edge into groove on housing and snap shut.



## Checking the secondary filter:

*\*Important:* The secondary filter protects the motor from dust and dirt.

1. Check for accumulated dust and dirt when replacing dust bag.
2. If replacement is needed, release the right tab on underside of bag supporter. Lift and rotate bag supporter to remove. (Bag supporter for Model CR9100 & CR9100A only.)
3. Remove secondary filter from bottom of dust compartment.
4. Replace secondary filter with new filter.
5. Reinstall bag supporter.

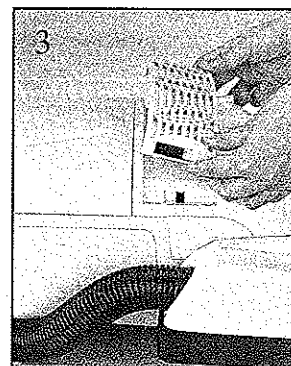
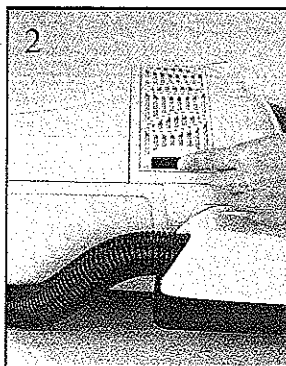


## Checking the exhaust filter:

### **Model CR8100**

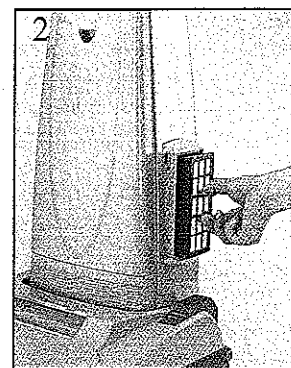
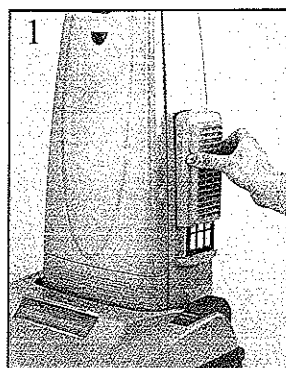
The exhaust filter captures fine dust particles and purifies air exiting your Vacuum Cleaner. Change the exhaust filter with every third dust bag replacement, or as needed.

1. Depress handle release pedal to drop vacuum cleaner to low position.
2. Push knob at side of exhaust filter cover to remove.
3. Remove soiled filter and replace with new one. (Do not wash or reuse.)



## Model CR9100 & CR9100A

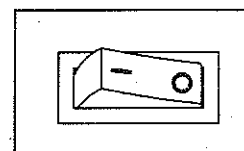
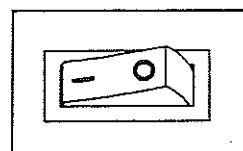
1. Push the top latch on the exhaust filter cover to the right. Slide the cover upwards.
2. Remove the soiled filter and replace it with a new one.
3. Reinstall exhaust filter cover and push the top latch to the left.



## Vacuum Operations

### ON/OFF Switch :

Model CR8100, CR9100 & CR9100A Vacuum Cleaners have a simple toggle switch on the dust compartment. Push down — to start. Push down ○ to stop.



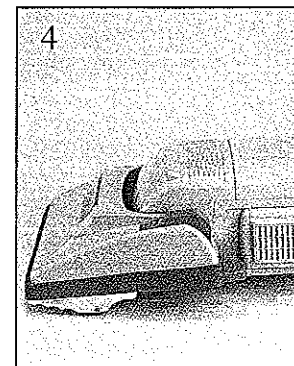
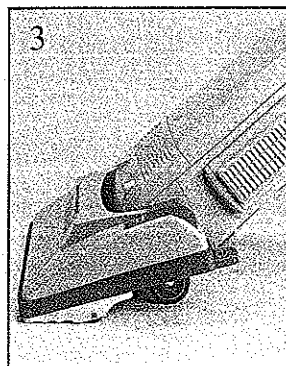
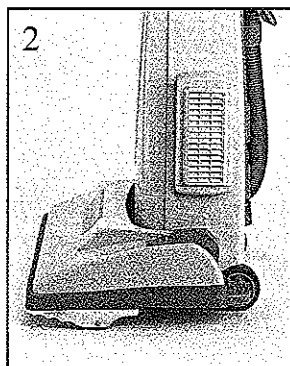
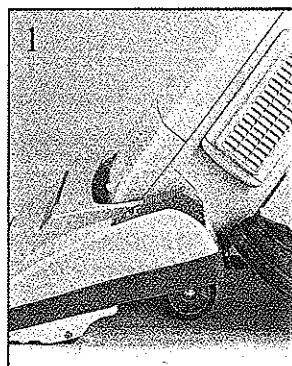
### Automatic Self-Adjusting Carpet Nozzle:

The carpet nozzle height self adjusts instantly and automatically. Your vacuum will float evenly over varying carpet pile heights.

### Handle Adjustments :

The handle of this vacuum cleaner can be set to any of three positions: Upright, Middle or Low.

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



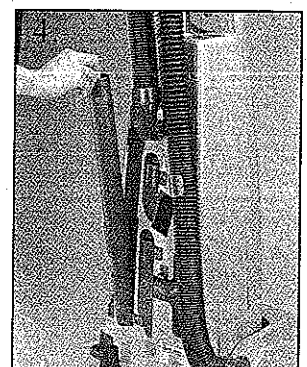
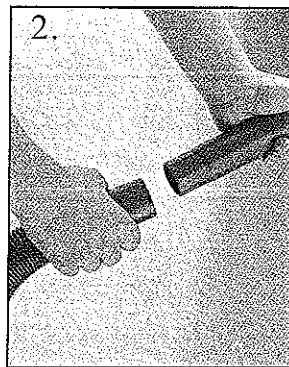
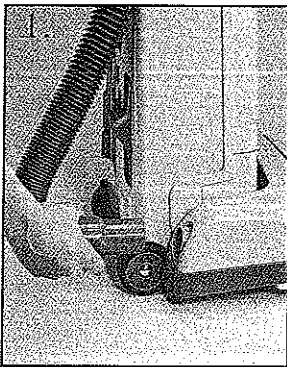
## **On-board Cleaning Tools : Model CR9100 & CR9100A**

Model CR9100 & CR9100A are equipped with state-of-the-art, on-board cleaning tools including:

telescopic wand  
crevice tool  
dusting brush  
upholstery tool

To use:

1. Remove hose cuff from nozzle inlet.
2. Connect hose cuff to telescopic wand. Unlock wand collar to extend wand to desired length.
3. Attach selected cleaning tool to wand.  
(Tools may also be attached directly to flexible hose cuff, omitting extension wand.)
4. Cleaning tools are stored conveniently on the back of the vacuum cleaner body.  
Snap tools back into their appropriate places.

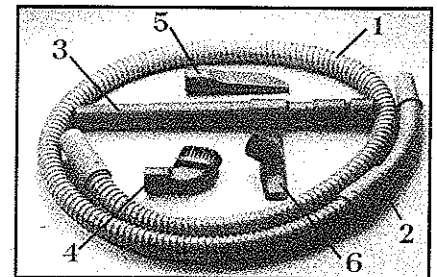


## **Available Optional Cleaning Tools:**

A deluxe attachment set is available for models **without** on-board tools.

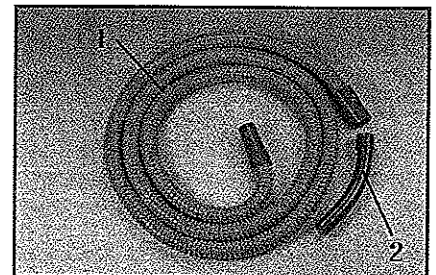
It contains:

1. hose assembly
2. curved wand
3. 3-piece telescopic wand
4. dusting brush
5. crevice tool
6. upholstery brush



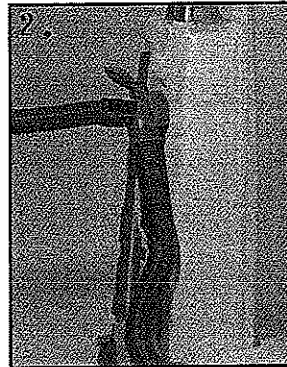
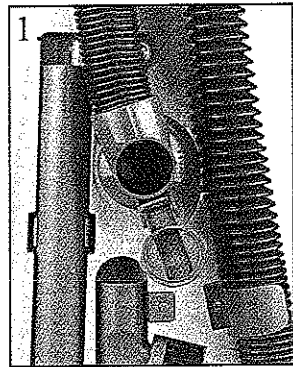
For models equipped with on-board tools, an optional attachment package is available containing:

1. hose assembly
2. curved wand



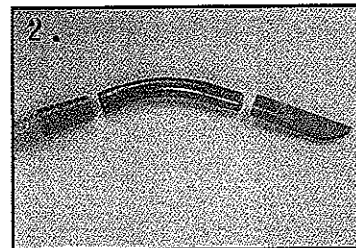
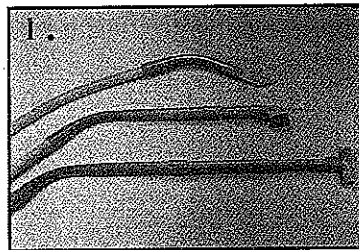
## Connecting the optional hose assembly :

1. Lift the lid of the cleaning attachment opening located at the back of your Vacuum Cleaner
2. Insert the hose end until it fits snugly.



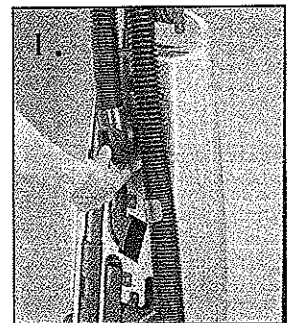
## Connecting the tools :

1. Connect any of the cleaning tools to the extension wand or curved wand and twist for secure fit.
2. Twist and pull apart to remove.



## Suction Control :

1. To reduce suction when cleaning draperies, small rugs etc., move the suction control slide on the back of the vacuum cleaner by increasing the opening until desired suction power is achieved. Close for normal vacuum operation.

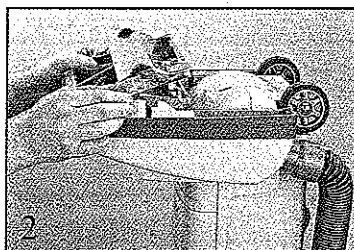
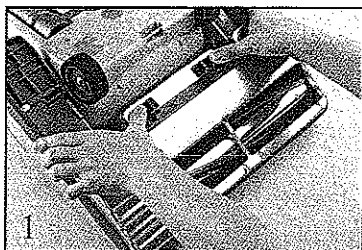


## REMOVING THE BOTTOM PLATE:

**\*CAUTION:** Unplug the vacuum cleaner from the electrical outlet before servicing.

Use handle release pedal to place vacuum in low position. Turn vacuum over to expose underside.

1. Slide the two latches inward to release bottom plate.
2. Slide bottom plate toward front of vacuum.

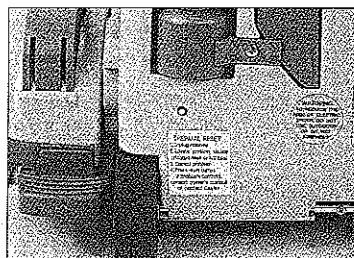


## RESETTING THE THERMAL SWITCH :

### *Model CR8100 、 CR9100 & CR9100A*

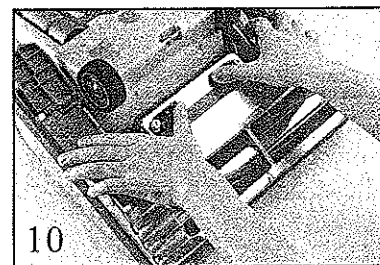
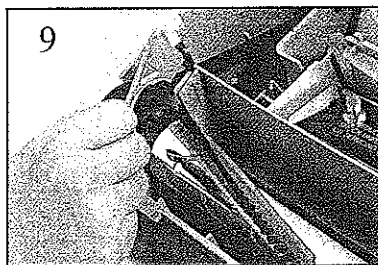
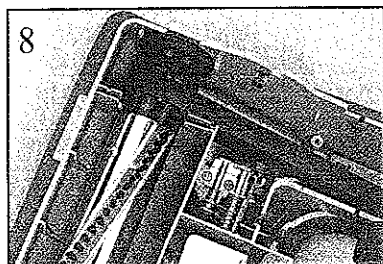
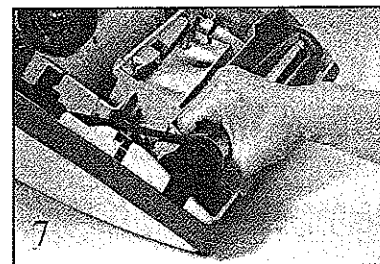
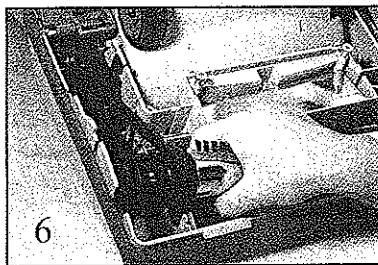
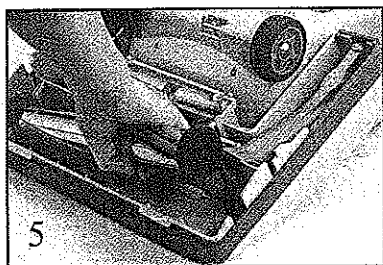
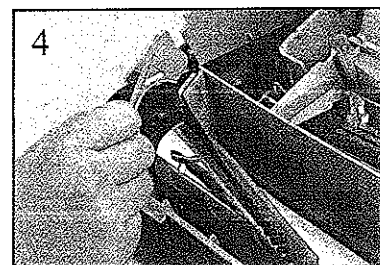
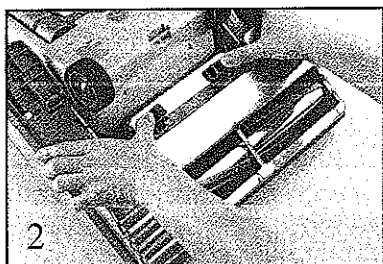
The Thermal Switch protects the motor from overheating. If the motor stops due to prolonged use, follow step 1 - 6.

1. Set power switch to the off position.
2. Unplug the power cord.
3. Wait about 10 min. to let the motor cool down.
4. Push the reset button lightly to the stop position.
5. Plug in the power cord.
6. Set power switch to the on position.



## **REPLACING THE DRIVE BELT :**

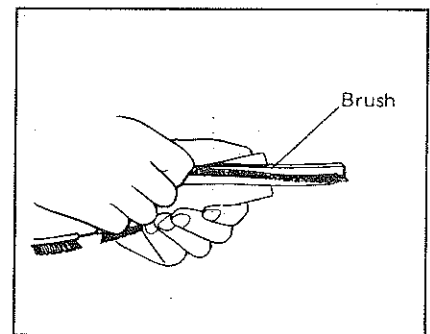
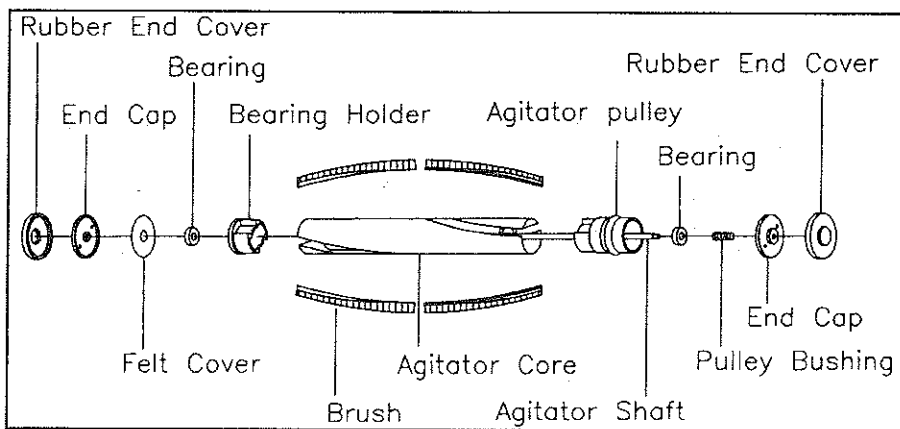
1. Unplug the power cord.
2. Turn the unit over and remove the bottom plate as previously described under **REMOVING THE BOTTOM PLATE** , on page 12.
3. Lift the rear belt cover up and back.
4. Remove the vented support fitting, noting position.
5. Remove agitator unit and worn out belt.
6. Loop new belt around motor drive shaft and agitator pulley.
7. Replace agitator unit in housing.
8. Turn agitator unit by hand to install new belt onto guide, making sure belt is not twisted and rotating parts move smoothly.
9. Reinsert the vented support fitting and lower rear belt cover.
10. Reinsert bottom plate making certain that the hinges are in place on the front of the housing before sliding the two latches outward to fasten.



## **CHANGING THE AGITATOR BRUSHES :**

Replace agitator brushes when they are worn or when the bristles do not touch a card held across the base plate. Replace all four brushes at the same time to maintain maximum cleaning performance. Remove agitator, start as described on page 13 Section 1 to 5.

1. Remove rubber end cover.
2. Unscrew the end cap and remove.
3. Remove the agitator shaft.
4. Remove and replace the brushes on the shaft.
5. Reinstall the pulley and agitator holder making sure they are inserted completely and firmly.
6. Reinstall remaining parts.
7. Reinstall agitator assembly as described previously in Step 6 to 10 on page 13.



## **For Best Performance:**

1. Keep machine and all accessories clean and in proper operating condition.
2. Change dust bags and filters as recommended to maintain optimum cleaning efficiency.
3. Always use genuine dust bags and filters. Use of other products may result in unsatisfactory cleaning or filtration performance.
4. Have your vacuum cleaner checked regularly by your Authorized Vacuum Cleaner Dealer.
5. Use only repair parts or services provided by Authorized Vacuum Cleaner Dealers.
6. Carefully store machine in a dry area.
7. For optimum cleaning performance and safety, follow this Owner's Manual.
8. Keep this manual in a safe place for future reference.



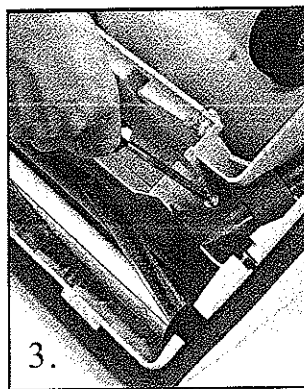
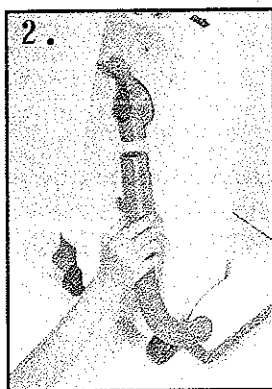
## **CLEANING THE NOZZLE :**

The nozzle hose carries the dirt from the nozzle to the dust bag, and also functions as the attachment cleaning hose.

**If it should become clogged:**

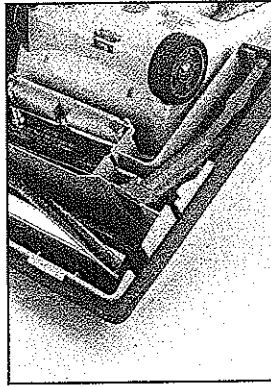
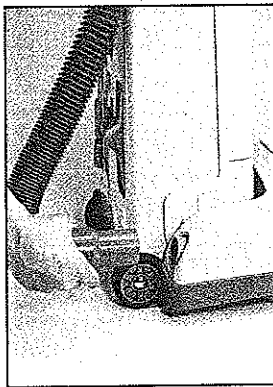
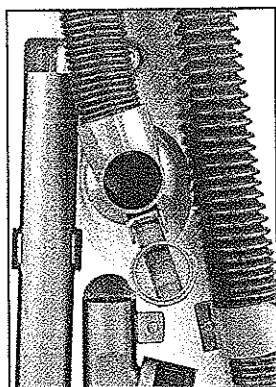
### ***Model CR8100***

1. Unplug the power cord.
2. Lift up the lid of cleaning attachment opening. Remove the clog or blockage.
3. If the previous step does not correct the problem, pull the power nozzle from the cleaning attachment opening located at the base of the vacuum cleaner. Turn the unit over and remove the bottom plate (see page 12 Removing the bottom plate), unscrew the hose inlet fitting screw, then pull out the entire nozzle hose from the housing. Clear the obstruction from the hose assembly, replace the hose in the housing and reinstall the bottom plate. See Step 10 on page 13.



### ***Model CR9100 & CR9100A***

1. Unplug the power cord.
2. Open the lid on the cleaning attachment opening, and remove clog or blockage.
3. If the hose is still blocked, remove hose cuff from nozzle inlet.
4. Turn the unit over, remove bottom plate.
5. Check nozzle inlet tube for obstructions.
6. When clear, reinstall bottom plate. See instruction on page 13, Replacing The Drive Belt.



**Any other servicing should be performed by an authorized**



## 9100A Cirrus Commercial Limited Warranty

### **What this limited warranty covers:**

Cirrus Vacuum ("Cirrus") warrants that your Cirrus commercial vacuum cleaner, for a period of 2 years from your date of purchase, will be free from defects in material and workmanship for normal use in accordance with the Owner's Manual. This limited warranty is granted only to the original purchaser. This limited warranty is subject to the following provisions:

### **What this limited warranty does not cover:**

- Expenses related to pick up, delivery or house calls for warranty service.
- Parts of the cleaner that require replacement under normal use, such as disposable dust bags, filters, drive belts, light bulbs, and brushroll bristles.
- Damages or malfunctions caused by accident, acts of God, negligence, abuse, or use not in accordance with the Owner's Manual.
- Defects or damages caused by improper service or maintenance, the use of parts other than genuine ProGrade parts or modifications made to the cleaner without our prior written approval.
- Damage that occurs during shipment.
- Vacuums purchased outside the United States.
- Vacuums subjected to rental use.

### **What Cirrus will do:**

Cirrus will, at its option, repair or replace a defective vacuum or vacuum cleaner part that is covered by this limited warranty. As a matter of warranty policy, Cirrus Vacuum will not refund the customer's purchase price.

### **Warranty Registration:**

To register for warranty please visit our website at [www.cirrus.com](http://www.cirrus.com) and fill out a registration card.

### **Obtaining warranty service:**

To obtain warranty service you must return the defective vacuum or vacuum cleaner part along with proof of purchase to any Cirrus Authorized Warranty Station. For the location of the closest Cirrus Authorized Warranty Station or for service information, call 216-524-4141 or email [info@Cirrusvacuum.com](mailto:info@Cirrusvacuum.com).

If you prefer, you can write to:

**Cirrus Vacuum  
Attn: Cirrus Warranty  
1933 Highland Road  
Twinsburg, Ohio 44087**

If it is necessary to ship the cleaner outside your community to obtain warranty repair, you must pay the shipping charges. When returning parts for repair, please include the model, type, and serial number from the data plate on the vacuum cleaner.

### **Further Limitations and Exclusions:**

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