



Electronic Service Manuals

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Serving the Cleaning Industry Since 1922

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CLEANMAX

Owner's Manual
for the **CLEANMAX**

ZOOM



models ZM-200, ZM-400 and ZM-600

Congratulations!

You have purchased a vacuum cleaner that will provide efficient, dependable service. Your CleanMax commercial vacuum cleaner is made using high quality materials and superior workmanship. Please read these operating instructions carefully before you use your vacuum.

IMPORTANT:

To activate your warranty, within 30 days of purchase please fill out and return the warranty postcard.

Please fill out warranty information located on the Owner's Information Section and keep it for your records.

Key Replacement Parts

Genuine Zoom HEPA Vacuum Bags: **CMZM-H6**

Genuine Zoom Paper Vacuum Bags: **CMZM-P6**

Genuine Zoom Vacuum Belts: **CMZM-B2**

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IMPORTANT SAFETY INSTRUCTIONS

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

READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE

WARNING:

The manufacturer cannot accept responsibility for damage caused when the appliance is not used according to the instructions, or for uses other than those for which it was intended.

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

- Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
- Do not handle plug or appliance with wet hands.
- **WARNING: ELECTRIC SHOCK COULD OCCUR IF USED OUTDOORS OR ON WET SURFACES.**
- 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.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Keep hair, loose clothing, fingers and all parts of body away from openings and moving parts.
- Use only as described in this manual.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches or hot ashes.
- 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 place of purchase for service.
- Do not use without vacuum bag in place.
- Do not pull or carry by cord, use cord as a handle, close a door on the cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
- Turn off all controls before unplugging.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Use extra care when cleaning on stairs.
- Connect to a properly grounded outlet only. See grounding instructions.
- Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
- Do not attempt to service the unit while appliance is plugged in.
- Do not use vacuum to pick up water or any wet materials.

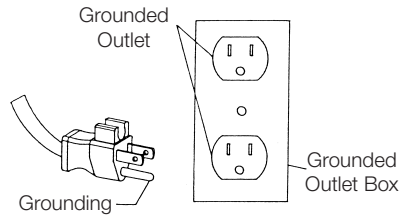
SAVE THESE INSTRUCTIONS

Grounding Instructions

This vacuum cleaner 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 vacuum cleaner 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 vacuum cleaner is for use on a nominal 120-volt circuit and has a ground plug (see illustration). Make sure that the vacuum is connected to an outlet having the same configuration as the plug. No adapter should be used with this vacuum.

WARNING – Improper connection of the equipment-grounding conductor can result in the 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 vacuum – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.



Assembling the Vacuum



Important Note

Under no circumstances should you plug in the vacuum cleaner prior to complete assembly.

Model ZM-200

The vacuum cleaner handle is packed as a separate component that requires assembly.

Installing the Handle

1. Release the handle bracket from the handle tube by removing the two screws (Fig. 1).
2. Place handle onto the handle tube, aligning holes with pegs (Fig. 2).

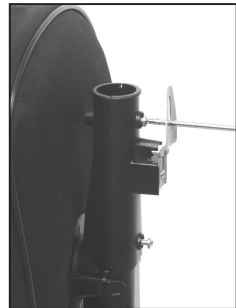


Fig. 1



Fig. 2

Assembling the Vacuum

Model ZM-200 cont.

3. Place the handle bracket back into position (Fig. 3).
4. Secure with two screws removed in step 1.



Fig. 3

Positioning the Power Cord

1. Loosen, but do not remove, the screw holding the upper cord hook (Fig. 4).
2. Position the cord between the cord hook and the vacuum tube (Fig. 5). Re-tighten the screw.
3. Once the cord is secured by the cord hook, proceed with wrapping the cord.
4. Wrap the cord clockwise around the top and bottom cord hooks (Fig. 6). Fasten the plug to the wrapped cord using the channel on the plug. When not in use store the appliance indoors in a clean dry area where it can't be damaged or cause injury.



Fig. 4



Fig. 5

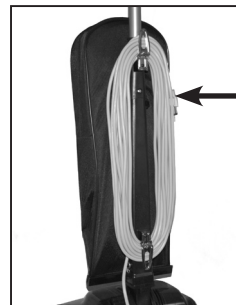


Fig. 6

Assembling the Vacuum

Models ZM-400 and ZM-600

The vacuum cleaner handle is packed as a separate component that requires assembly.



Fig. 6



Fig. 7

Installing the Handle

1. Release the handle bracket from the handle tube by removing the two screws (Fig. 6).
2. Place handle onto the handle tube, aligning holes with pegs (Fig. 7).
3. Place the handle bracket back into position (Fig. 8).
4. Secure with two screws removed in step 1.
5. Thread cord through cord guides and proceed with wrapping the cord (Fig. 9).
6. Wrap the cord clockwise around the top and bottom cord hooks (Fig. 10). Fasten the plug to the wrapped cord using the channel on the plug. When not in use store the appliance indoors in a clean dry area where it can't be damaged or cause injury.



Fig. 8



Fig. 9

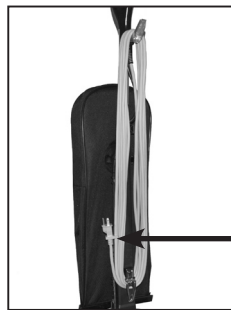


Fig. 10

Vacuum Features

On/Off Switch

NOTE: There are two different on/off switch configurations depending on the model you own. Identify your vacuum cleaner model and see the corresponding on/off switch operating instructions below.

Model ZM-200 – On/Off switch on base

Locate the switch on the back side of the nozzle to the left of the handle tube (see Fig. 10). Simply press the switch with your foot to turn the vacuum on or off. Do not run the vacuum over the power cord.

Machine should be turned off before returning handle to full upright position. Always turn the vacuum cleaner off before unplugging it from the electrical outlet.



Fig. 10



Fig. 11

Models ZM-400 and ZM-600 – On/Off two speed switch on handle

The switch for these models, located on the vacuum handle, is a three-way switch. The middle position is the “off” setting, the rear position is the “on” setting and the forward position is for maximum power (see Figs. 11 & 12).

Use the maximum power setting for carpet cleaning and the “on” setting for cleaning bare floors and throw rugs.

Pull the switch backward to turn the vacuum on. Push the switch halfway back to turn the vacuum off. Push the switch all the way forward to use the maximum power setting. Do not run the vacuum over the power cord.



Fig. 12

Machine should be turned off before returning handle to full upright position. Always turn the vacuum cleaner off before unplugging it from the electrical outlet.

Edge Cleaning

The edge cleaning feature provides improved cleaning near walls and stationary furniture. For maximum edge cleaning, place the left side of the nozzle against the wall or stationary furniture.

Automatic Carpet Height Adjustment

Your vacuum is designed with an automatic, self-adjusting nozzle. No manual adjustments are required. The height of the nozzle is instantly and automatically adjusted to the flooring surface. This self-adjusting feature allows the nozzle to float evenly over all flooring surfaces.

Bare Floor Cleaning - Models ZM-400 and ZM-600

The ZM-400 and ZM-600 models come equipped with a squeegee on the bottom of the vacuum to improve its effectiveness in cleaning bare floors. When cleaning tile, hardwood, linoleum, etc., use the “on” setting, as opposed to the maximum power setting, for best results (see Fig. 13).

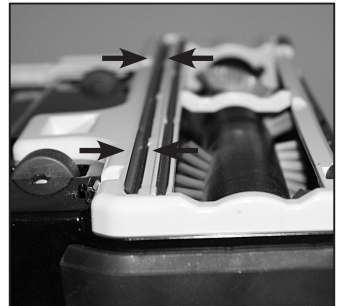


Fig. 13

Brushroll Jam Indicator - Model ZM-600

If an object, such as a throw rug or article of clothing is ever picked up into your vacuum, the vacuum will sense this “jammed brushroll” condition and turn off the brushroll. When this happens, the “brushroll warning” light on the top of the nozzle will flash in red (see Fig. 14).

Turn off the vacuum and remove the cause of the jam. Turn vacuum back on. If the brushroll is free of any object and the “brushroll warning” light is still lit, it’s likely the clogged condition is located in the vacuum motor fan. If so, please return to the place where you purchased your CleanMax vacuum for assistance.

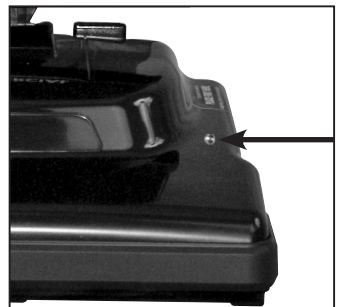


Fig. 14

How To

Change the Vacuum Bag

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

1. Unzip outer cloth bag (Fig. 15).
2. Remove used bag by pressing the bag holder tab and pulling bag off vacuum (Fig. 16). Discard used bag.
3. To install new bag, position the bottom of the bag collar into the bag collar holder (Fig. 17).
4. Push the top of the bag collar inward until the collar “snaps” into place under the bag holder tab.
5. Zip the outer cloth bag closed.



Fig. 15



Fig. 16



Fig. 17

Remove/Install the Bottom Plate

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

To remove bottom plate

1. After unplugging the power cord, turn the vacuum cleaner over, exposing the underside.
2. Press the two holding tabs inward (Fig. 18) releasing the bottom plate. Remove the bottom plate.



Fig. 18

To install bottom plate

1. Install bottom plate, making sure bottom plate hinges are in place before setting the plate (Fig. 19).
2. Press plate into position until the plate "clicks" on both sides.



Fig. 19

How To

Change the Belt – Model ZM-200 and ZM-400

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

1. Turn the unit over and remove the bottom plate (see “How to Remove Bottom Plate”).
2. Remove the brushroll and the worn or broken belt from the brushroll pulley and the motor drive shaft (Fig. 20).
3. Loop the new belt around the motor drive shaft and the brushroll (Fig. 21).
4. Reinstall the brushroll back into the housing. Turn the brushroll by hand, making sure the belt is not twisted and all rotating parts move smoothly (Fig. 22).
5. Reinstall the bottom plate (see “How to Install Bottom Plate”).

NOTE: To ensure maximum cleaning efficiency, the belt should be checked regularly to be sure it is in good condition. Replace the belt if it is stretched, cracked, or if excessive slipping is occurring.



Fig. 20



Fig. 21

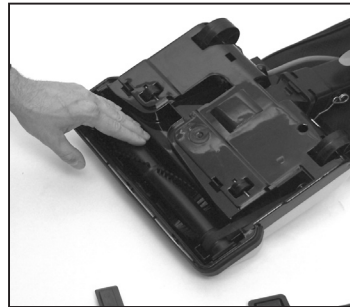


Fig. 22

How To

Change the Belt – Model ZM-600

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

1. Turn the unit over and remove the bottom plate (see “How to Remove the Bottom Plate”).
2. Remove the brushroll and the worn or broken belt from the brushroll pulley and the motor drive shaft. (Fig. 23)
3. Loop the new belt around the motor drive shaft and around the brushroll, making sure the belt is positioned on top of the motor pulley and not underneath it. (Fig. 24) Make sure the grooves in the belt are lined up with the grooves on the motor drive shaft and the brushroll pulley. (Fig. 24)
4. Reinstall the brushroll by inserting the rounded ends of the brushroll into the housing first. Turn the brushroll by hand making sure the belt is not twisted and all rotating parts move smoothly. (Fig. 25)
5. Reinstall the bottom plate (see “How to Install Bottom Plate”).

NOTE: To ensure maximum cleaning efficiency, the belt should be checked regularly to be sure it is in good condition. Replace the belt if it is stretched, cracked or if excessive slipping is occurring.

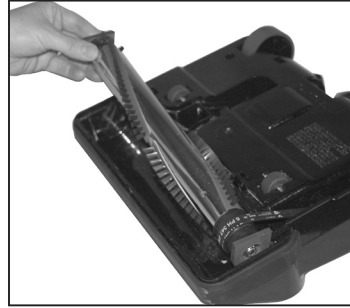


Fig. 23



Fig. 24

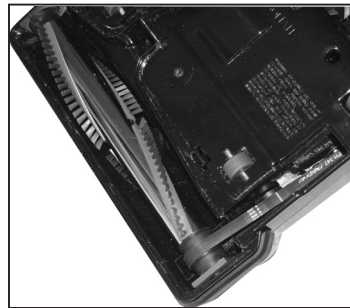


Fig. 25

How To

Replace the Squeegee – Models ZM-400 and ZM-600

If your squeegee splits or begins to look worn, simply remove the worn squeegee from its track and slide a new one into the track (Fig. 26). If you have trouble installing the new squeegee, please return to the place of purchase for assistance.

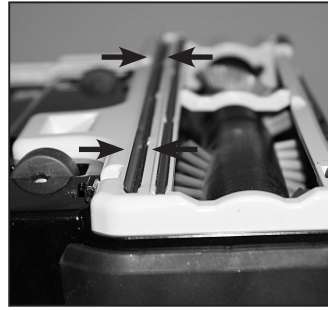


Fig. 26

Reset the Circuit Breaker

Your vacuum features a circuit breaker to protect the machine against damage due to a surge in the electrical current. Electrical surging can be a result of, though not limited to, a jammed brushroll (i.e. vacuuming up a throw rug) or a jammed motor fan.

Should your vacuum cleaner experience a jammed brushroll with the circuit breaker tripping, first press the on/off button to the off position and unplug the unit. Inspect the brushroll by removing the bottom plate (see “How to Remove Bottom Plate”) and remove any debris which may be causing the jam. Reinstall the bottom plate (see “How to Install Bottom Plate”), reset the circuit breaker by pressing the Circuit Breaker Reset Button (Fig. 27), plug in power cord, and turn unit on. If the unit fails to turn on, return to the place where you purchased your CleanMax vacuum for assistance.

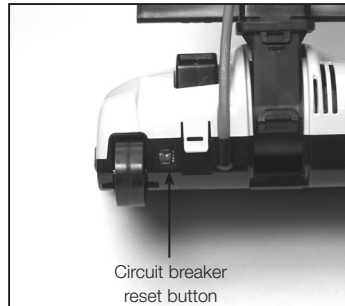


Fig. 27

Owner's information (keep this for your records)

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

Date of purchase _____

Serial number _____

Model number _____

Purchased from:

Store name _____

Address _____

City, State, Zip _____

Telephone _____

Your CleanMax vacuum cleaner is a product of high quality materials and superior workmanship. We urge you to read these operating instructions carefully before you use this vacuum cleaner, in order to obtain the full performance and satisfaction it can offer you.

For Best Performance

- Keep your vacuum clean and in good operating condition.
- Change vacuum bags when the bags are 2/3 full to maximize cleaning performance.
- Always use genuine vacuum bags and replacement parts. Use of other products may result in poor cleaning performance, potential vacuum cleaner damage and may void vacuum warranty. Genuine products are designed for maximum cleaning performance.
- Have your machine checked periodically by the retailer where you purchased your CleanMax vacuum.
- Store your machine carefully in a dry area.
- For optimum cleaning performance and safety, follow your owner's manual instructions.

Warranty

What is Covered:

This warranty covers any defects in material and workmanship in your new CleanMax vacuum.

How Long Coverage Lasts:

Warranty coverage for your CleanMax vacuums lasts one year.

1 Year Belt Warranty - Model ZM-600 only:

Your vacuum belt is covered with a 1 year warranty. Should the belt break, simply bring your vacuum or the broken belt to the place where you purchased your CleanMax vacuum.

What is Not Covered:

- Damage to the vacuum which occurs from neglect, abuse, alterations, accident, misuse or improper maintenance.
- Normal replacement items: squeegees, agitator brush strips, cords and disposable bags.

What CleanMax Will Do:

This warranty provides, at no cost to you, all labor and parts to place this vacuum in correct operating condition during the warranted period.

How to Get Service:

Warranty service can only be obtained by presenting the vacuum to the retailer where original purchase was made. A proof-of-purchase and product serial number will be required before service is rendered.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY AND ALL OTHER WARRANTIES WHETHER WRITTEN, ORAL, EXPRESSED OR IMPLIED, (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE). THIS WARRANTY DISCLAIMS LIABILITY FOR INCIDENTAL, OR CONSEQUENTIAL DAMAGES.

How State Law Applies:

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

CLEANMAX

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