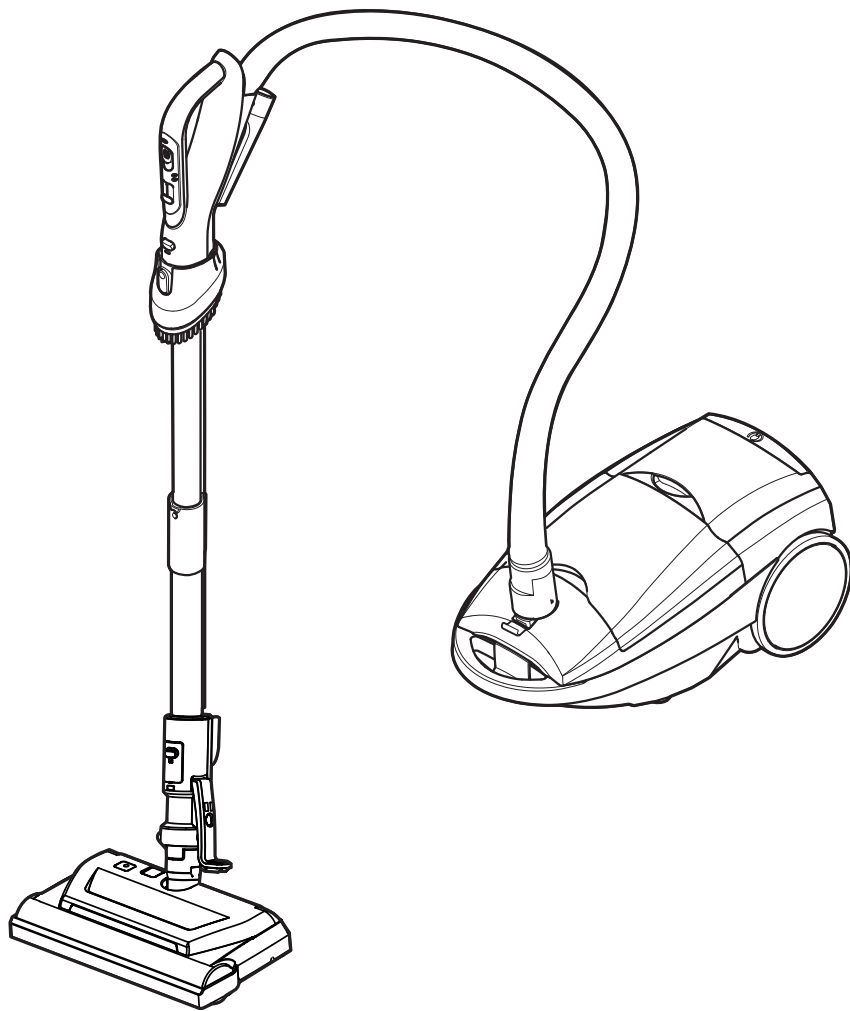


# TITAN

## User's Manual



TITAN T9400  
DELUXE CANISTER VACUUM

# TABLE OF CONTENTS

SECTION	PAGE
Before Using Your New Vacuum Cleaner.....	2
TITAN Vacuum Cleaner Warranty.....	3
Important Safety Instructions.....	4-5
Parts and Features.....	6-8
Assembly Instructions.....	9-12
Operating Instructions.....	13-24
Performance Features.....	24-25
Removing Clogs.....	26-30
Motorized Nozzle Care.....	31-37
Troubleshooting.....	38-40

## BEFORE USING YOUR NEW VACUUM CLEANER

Please read this guide. It will help you assemble and operate your new TITAN vacuum cleaner in the safest and most effective way.

You will need to register your vacuum by calling us at (844) 202-9924 or visiting us online at TitanVacs.com. Please have your model number and serial number available to complete the registration process.

Your vacuum cleaner's model and serial numbers are located on the label.

Use the space below to record the model number and serial number of your new TITAN Vacuum cleaner.

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

Date of Purchase \_\_\_\_\_

Keep this book and your sales check (receipt) in a safe place for future reference.

# TITAN VACUUM CLEANER WARRANTY

## TITAN LIMITED WARRANTY

FOR ONE YEAR from the date of sale this appliance is warranted against defects in material or workmanship when it is correctly installed, operated and maintained according to all supplied instructions.

WITH PROOF OF SALE, a defective appliance will receive free repair or replacement at option of seller.

This warranty applies for only 90 DAYS from the sale date if this appliance is ever used for other than private household purposes.

This warranty covers ONLY defects in material and workmanship, and will NOT pay for:

1. Expendable items that can wear out from normal use, including but not limited to filters and belts.
2. A service technician to clean or maintain this appliance, or to instruct the user in correct appliance installation, operation and maintenance.
3. Service calls to correct appliance installation not performed by Titan Vacuums authorized service agents, or to repair problems with house fuses, circuit breakers, house wiring, and plumbing or gas supply systems resulting from such installation.
4. Damage to or failure of this appliance resulting from installation not performed by Titan Vacuums authorized service agents, including installation that was not in accordance with electrical, gas or plumbing codes.
5. Damage to or failure of this appliance, including discoloration or surface rust, if it is not correctly operated and maintained according to all supplied instructions.
6. Damage to or failure of this appliance, including discoloration or surface rust, resulting from accident, alteration, abuse, misuse or use for other than its intended purpose.
7. Damage to or failure of this appliance, including discoloration or surface rust, caused by the use of detergents, cleaners, chemicals or utensils other than those recommended in all instructions supplied with the product.
8. Damage to or failure of parts or systems resulting from unauthorized modifications made to this appliance.
9. Service to an appliance if the model and serial plate is missing, altered, or cannot easily be determined to have the appropriate certification logo.

### **Disclaimer of implied warranties; limitation of remedies**

Customer's sole and exclusive remedy under this limited warranty shall be product repair or replacement as provided herein. Implied warranties, including warranties of merchantability or fitness for a particular purpose, are limited to one year or the shortest period allowed by law. Seller shall not be liable for incidental or consequential damages. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, or limitation on the duration of implied warranties of merchantability or fitness, so these exclusions or limitations may not apply to you.

This warranty applies only while this appliance is used in the United States.

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

# IMPORTANT SAFETY INSTRUCTIONS

**Read all instructions in this guide before assembling or using your vacuum cleaner.**



## **WARNING:**

Your safety is important to us. To reduce the risk of fire, electrical shock, injury to persons or damage when using your vacuum cleaner, follow basic safety precautions including the following:

1. Use your vacuum cleaner only as described in this guide. Use only with Titan Vacuums recommended attachments.
2. Disconnect electrical supply before servicing or cleaning out the brushroll area. Failure to do so could result in the electrical shock or brushroll suddenly starting.
3. Do not leave vacuum cleaner when plugged in. Unplug from outlet when not in use and before performing servicing.
4. To reduce the risk of electrical shock - Do not use outdoors or on wet surfaces.
5. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
6. Do not use with a damaged cord or plug. If vacuum cleaner is not working as it should, has been dropped, damaged, left outdoors, or dropped in water, return it to a Titan Vacuums Service Center.
7. 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 vacuum cleaner over cord. Keep cord away from heated surfaces.
8. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
9. Do not handle plug or vacuum cleaner with wet hands.
10. Do not put any objects into openings.
11. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
12. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
13. Turn off all controls before unplugging.
14. Use extra care when cleaning on stairs.
15. Do not put on chairs, tables, etc. Keep on floor.
16. Do not use vacuum cleaner to pick up flammable or combustible liquids (gasoline, cleaning fluid, perfumes, etc.), or use in areas where they may be present. The fumes from these substances can create a fire hazard or explosion.
17. Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
18. Do not use vacuum cleaner without dust bag and/or filters in place.
19. Always change the dust bag after vacuuming carpet cleaners or freshener, powders, and fine dust. These products clog the filters, reduce airflow and can cause damage to the vacuum cleaner. Failure to change the dust bag could cause permanent damage to the vacuum cleaner.

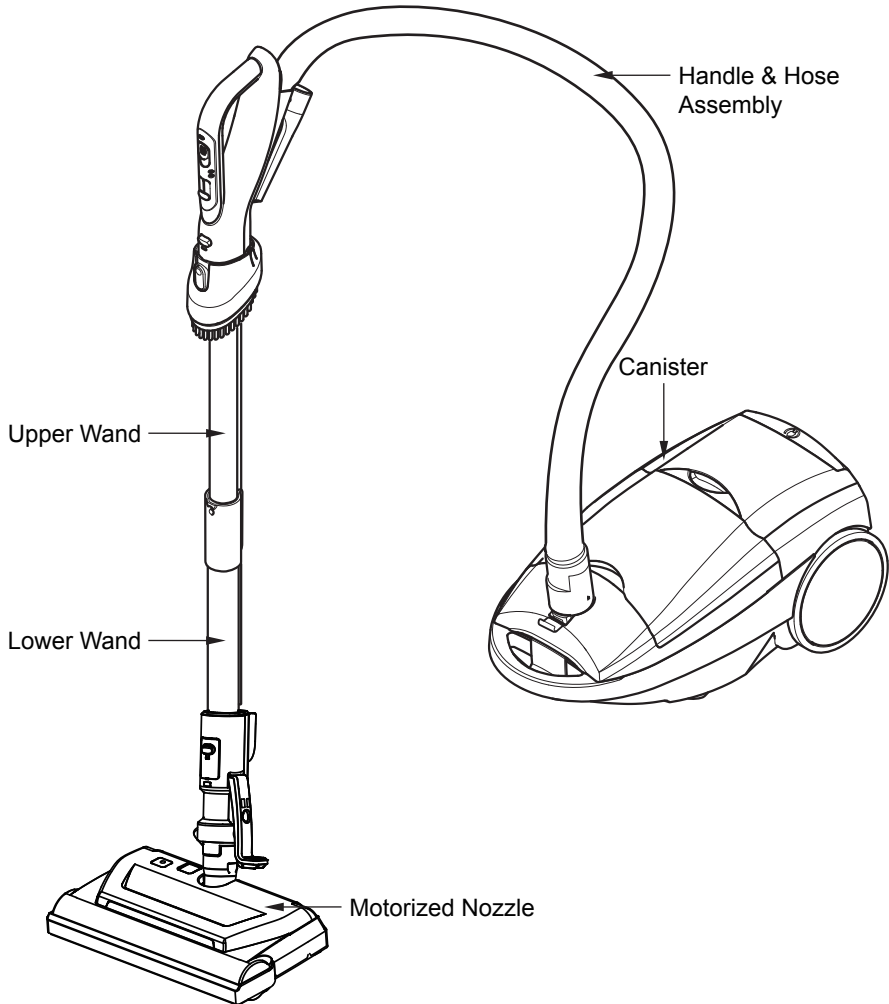
20. Do not use the vacuum cleaner to pick up sharp hard objects, small toys, pins, paper clips, etc. They may damage the vacuum cleaner.
21. Do not operate the vacuum cleaner without the exhaust filter or filter door in place. The hose contains electrical wires. Do not use when damaged, cut, or punctured. Replace if cut or worn. Do not pick up sharp objects.
22. Always turn off and unplug before connecting or disconnecting either hose, wand, pet pickup tool, or motorized nozzle.
23. Hold plug when rewinding onto cord reel. Do not allow plug to whip when rewinding.
24. You are responsible for making sure that your vacuum cleaner is not used by anyone unable to operate it properly.

## **SAVE THESE INSTRUCTIONS**

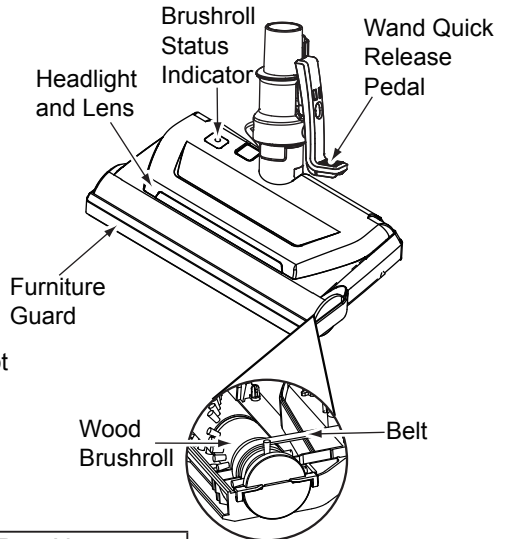
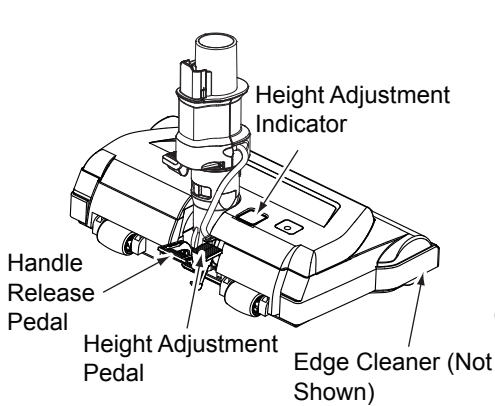
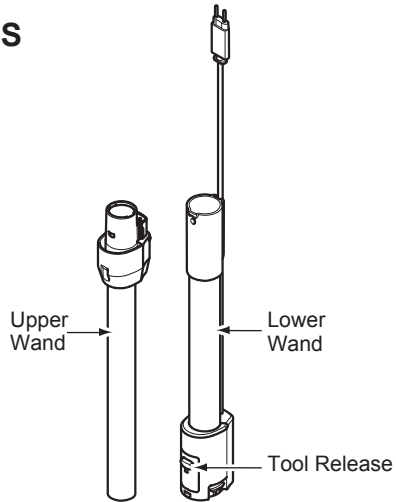
Proper assembly and safe use of your vacuum cleaner is your responsibility. Your vacuum cleaner is intended for Household use. Read this Use & Care Guide carefully for important use and safety information. This guide contains safety statements under warning and caution symbols.

# PARTS AND FEATURES

It is important to know your vacuum cleaner's parts and features to ensure its proper and safe use. Review these before using your vacuum cleaner.



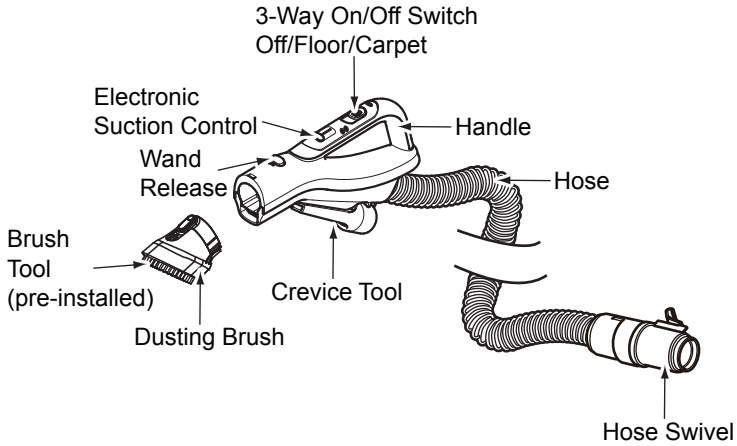
## MOTORIZED NOZZLE & WANDS



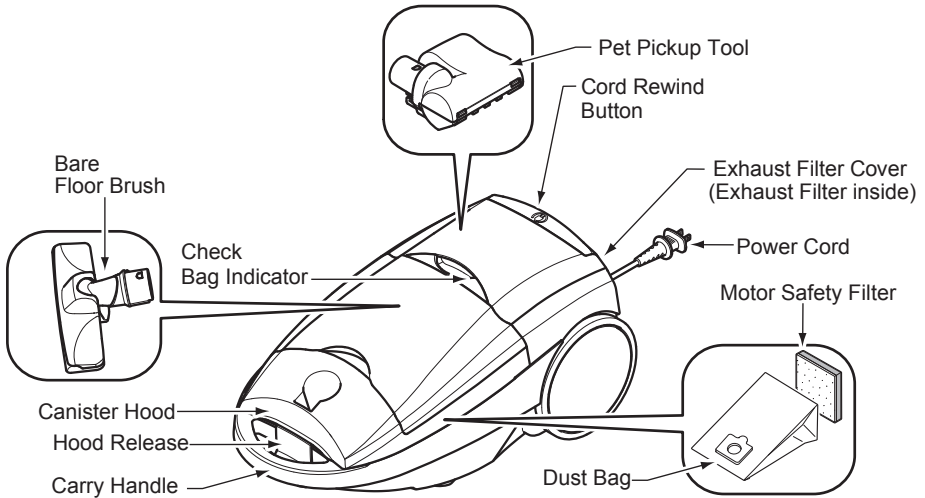
## REPLACEMENT PARTS

Item	Part No.
Belt	571005111
Wood Brushroll	591019104
Exhaust Filter	591004783
Motor Safety Filter	591004123
Dust Bag	17-2462-08

# HANDLE & HOSE ASSEMBLY



# CANISTER







Please pay special attention to these hazard alert boxes, and follow any instructions given. WARNING statements alert you to such dangers as fire, electric shock, burns and personal injury. CAUTION statements alert you to such dangers as personal injury and/or property damage.

## ASSEMBLY INSTRUCTIONS



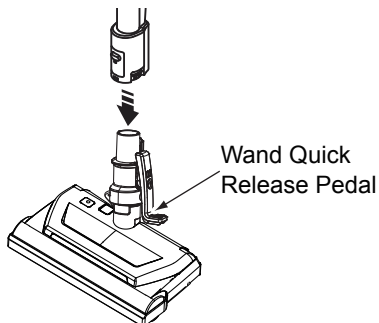
### WARNING

#### Electrical Shock Hazard

DO NOT plug into electrical supply until assembly is complete. Failure to do so could result in electrical shock or injury.

### MOTORIZED NOZZLE

Install the lower wand onto the motorized nozzle until the wand locks into place. To remove: Press the wand quick release pedal and pull up on the wand.



### CANISTER

1. Open the canister hood.
2. Check to see that the dust bag is properly installed. See BAG CHANGING (page 27-28) for instructions.
3. Check to see that the motor safety filter is properly installed. See MOTOR SAFETY FILTER CLEANING (page 29) for instructions.

## HOOD AND TOOL STORAGE COVER

It is normal for the canister hood and tool storage cover to come off when opened further than needed. Line up the hinge slots, insert the hinges into the slots, and close the hood and tool storage cover to reinstall.

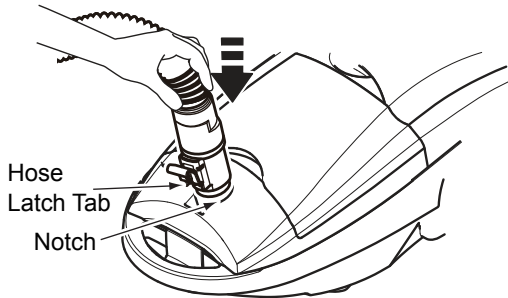


### CAUTION

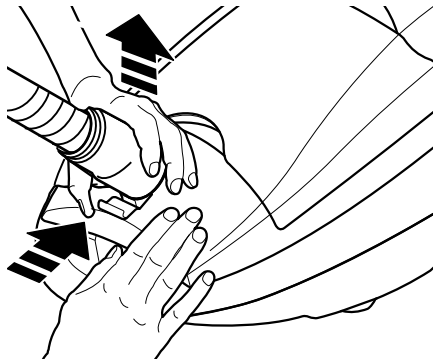
Never open canister hood with the tool storage cover open. This will help to prevent damage from occurring to the canister hood and/or tool storage cover.

## HOSE

Align the hose latch tab and the notch in canister hood and insert the hose into canister until it snaps into place.

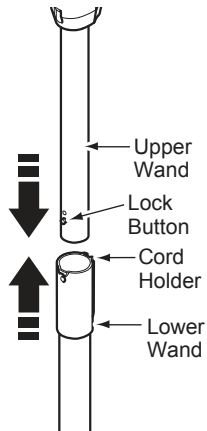


To remove: Press the hose latch tab inward and pull out on the hose.

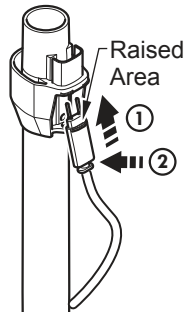


## WANDS

1. Insert the upper wand into the lower wand until the lock button snaps in place.  
To remove: Press the lock button and pull wands apart.



2. Insert the plug of the cord into the plug holder as shown. DO NOT force. Raised area of the plug must be towards hand.



3. Secure the cord into the cord holder on the back of the wand.

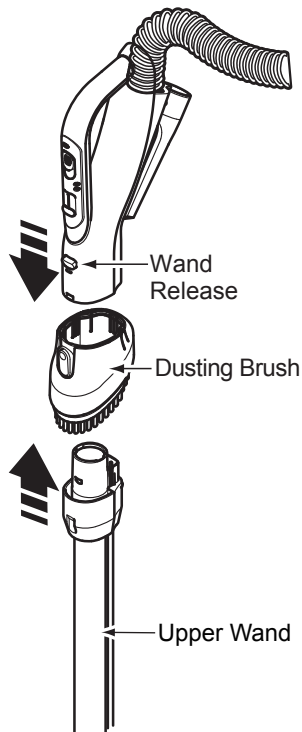
## HANDLE

Insert the wand into the handle until the wand locks into place. Make sure the hose is not twisted.

To remove: Press the wand release button and pull up on the handle.

The dusting brush can be stored on the hose handle by placing on hose handle before the upper wand.

To store: Disconnect the handle from the wand and canister to prevent stress on hose during storage. Store the hose in a loosely coiled position so the hose covering is not stressed.



# OPERATING INSTRUCTIONS



## CAUTION

Moving parts! To reduce the risk of personal injury, DO NOT touch the brushroll when vacuum cleaner is on. Contacting the brushroll while it is rotating can cut, bruise or cause other injuries. Always turn off and unplug from electrical outlet before servicing. Use caution when operating near children or pets.



## HOW TO START



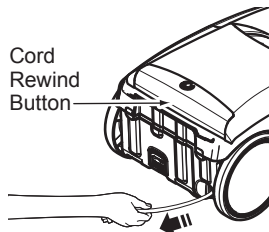
## WARNING

### Personal Injury and Product Damage Hazard

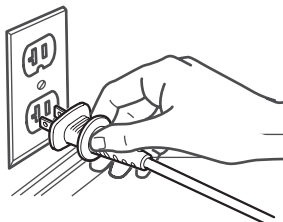
- DO NOT plug in if switch is in ON position. Personal injury or property damage could result.
- The cord moves rapidly when rewinding. Keep children away and provide a clear path when rewinding the cord to prevent personal injury.
- DO NOT use outlets above counters. Damage from cord to items in surrounding area could occur.
- When any abnormality/failure occurs, stop using the product immediately and disconnect the power plug.

**NOTE:** To reduce the risk of electric shock, this vacuum cleaner has a polarized plug; one blade is wider than the other. This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

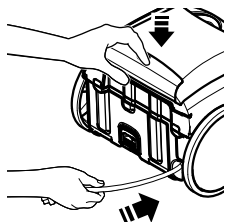
1. Pull the power cord out of the canister to desired length. The cord will not rewind until the cord rewind button is pushed.



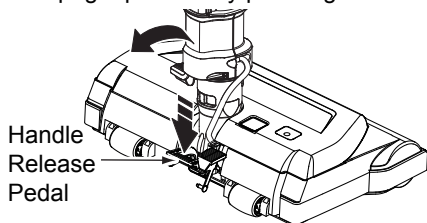
2. Plug the polarized power cord into a 120 Volt outlet located near the floor.



To rewind: Turn off and unplug the vacuum cleaner. Hold the plug while rewinding to prevent damage or injury from the moving cord. Push the cord rewind button.



3. Lower the handle from upright position by pressing on the handle release pedal.



4. Select a pile height setting by pressing the height adjustment pedal on the rear of the motorized nozzle. The pile height setting shows on the indicator. See SUGGESTED PILE HEIGHT SETTINGS (page 17).

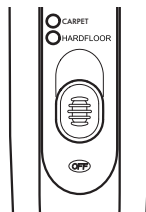
**Attention:** Refer to your carpet manufacturers cleaning recommendations. Some more delicate carpets may require that they be vacuumed with the nozzle brushroll turned off to prevent carpet damage.

5. Select a position on the 3-way On/Off switch on the handle.

**CARPET** - turns on both the canister and the motorized nozzle. Headlight and brushroll will power on.

**HARDFLOOR** - turns on the canister motor only. Headlight and brushroll will not power on.

**OFF** - Turns the vacuum cleaner off.



**NOTE:** When this switch is in the **HARDFLOOR** position the nozzle headlight **DOES NOT** function since no electricity flows to the motorized nozzle.



## CAUTION

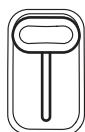
DO NOT leave the motorized nozzle running in one spot for any length of time. Damage to carpet may occur.

## ELECTRONIC SUCTION CONTROL

The electronic suction control allows you to change the power of the vacuum cleaner suction motor.

High Power increases suction for upholsteries and carpets.

Low Power decreases suction for draperies and light weight rugs.



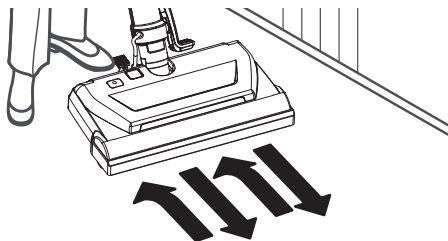
High Power

Low Power

## VACUUMING TIPS

### SUGGESTED SWEEPING PATTERN

For best cleaning action, the motorized nozzle should be pushed straight away from you and pulled straight back. At the end of each pull stroke, the direction of the nozzle should be changed to point into the next section to be cleaned. This nozzle should be continued across the carpet or floor with slow, gliding motions.



**NOTE:** Fast, random strokes do not provide complete cleaning.



## CAUTION

### Product Damage Hazard

Use care if the motorized nozzle and wand is left in the upright position as it may tip over easily. Property damage can occur if tipped.



## WARNING

### Personal Injury and Product Damage Hazard

- DO NOT run over power cord with motorized nozzle. Personal injury or product damage could result.
- DO NOT pull plug from wall by the power cord. If there is damage to the cord or plug, personal injury or property damage could result.

## STAIRS



## WARNING

### Personal Injury Hazard

Use care if canister is placed on stairs. It may fall, causing personal injury or property damage.



## CAUTION

### Product Damage Hazard

Do not pull on the hose to move the canister from one stair to the next. When finished cleaning in one area use the handle grip on the canister to move the vacuum cleaner to a new location for further cleaning.

Carpeted stairs need to be vacuumed regularly. For best cleaning results, adjust the electronic suction control to high power position.

For best cleaning results, keep the airflow passage open. Check each assembly area in REMOVING CLOGS (page 26) occasionally for clogs. Turn off and unplug the vacuum cleaner from outlet before checking.

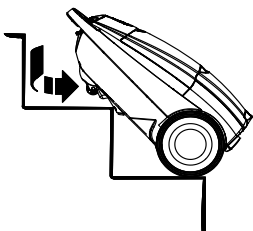
## STAIR HOLD

The stair hold located on the bottom of the vacuum will aid in preventing the canister from slipping when used on stairs. During normal operation while the canister is in the horizontal position, the caster wheel rotates freely 360°.

In order to prevent the canister from slipping on stairs, be sure the STAIR HOLD feature

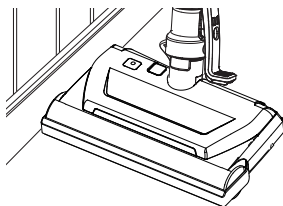


functions and the canister is resting securely on the stairs when the canister is placed on residential stairs.



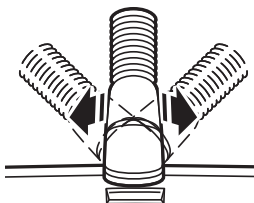
## EDGE CLEANER

Active brush edge cleaners are on both sides of the motorized nozzle. Guide either side of the nozzle along the wall or next to furniture to help remove dirt trapped at carpet edges.



## HOSE SWIVEL

The 360° hose swivel allows the hose to turn without moving the canister. This is helpful for cleaning in small areas. Check the hose for twisting before pulling the canister.



## SUGGESTED PILE HEIGHT SETTINGS

For best deep down cleaning, use the XLO setting. However, you may need to raise the height to make some jobs easier, such as scatter rugs and some deep pile carpets, and to prevent the vacuum cleaner from shutting off. Suggested settings are:

**HI** – Shag, deep pile, or scatter rugs.

**MED** – Medium to deep pile.

**LO** – Low to medium pile.

**XLO** – Most carpets and bare floors.

# ATTACHMENTS



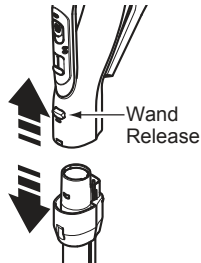
## CAUTION

DO NOT attach or remove handle or wands while vacuum cleaner is ON. This could cause sparking and damage the electrical contacts or electronic controls.

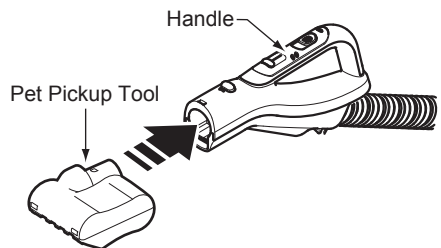
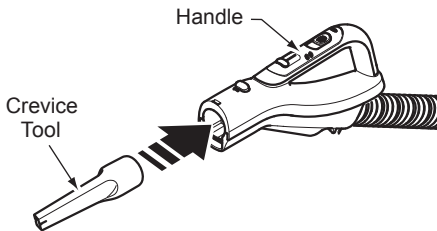
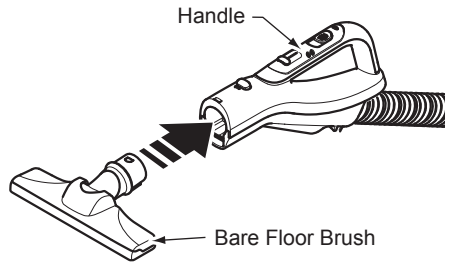
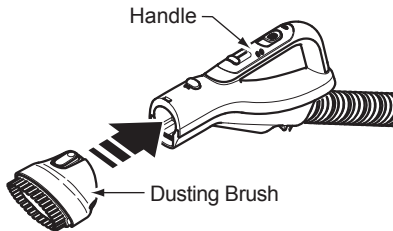
## ATTACHMENTS ON HANDLE

**NOTE:** If the motorized nozzle is attached, turn the vacuum cleaner off before removing the handle from the wand.

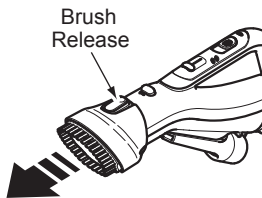
1. Press the wand release button and pull up on handle.



2. Slide attachments firmly on the handle as needed. See ATTACHMENT USE TABLE (page 22).



**NOTE:** To remove the dusting brush, press the brush release button and slide off.

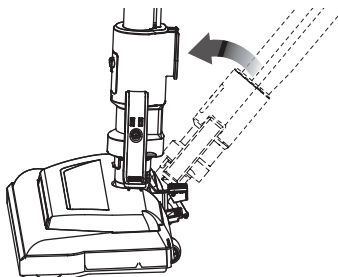


**NOTE:** To remove bare floor brush and/or pet pickup tool, press the wand release button and slide off.

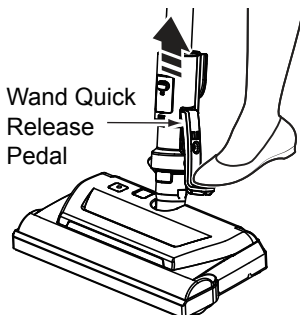


## ATTACHMENTS ON WAND

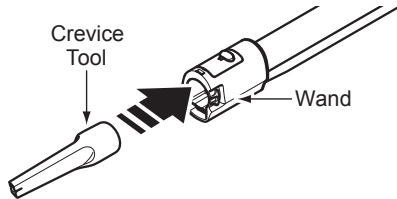
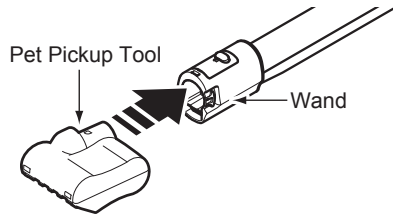
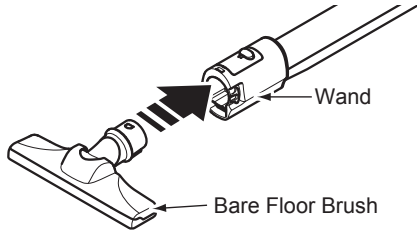
1. To remove the wand from the motorized nozzle, lock the wand in straight-up position.



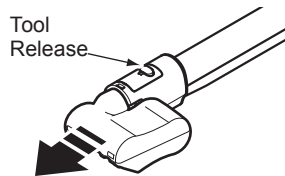
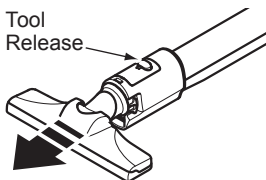
2. Press the wand quick release pedal with foot and pull the wand straight up and out of nozzle.



3. Put attachments on the wand as needed. See ATTACHMENT USE TABLE (page 22).



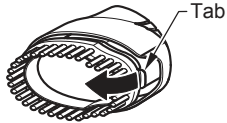
**NOTE:** To remove the bare floor brush and/or pet pickup tool, press the tool release button and slide off.



## DUSTING BRUSH

The dusting brush is for use on various surfaces. See ATTACHMENT USE TABLE (page 22).

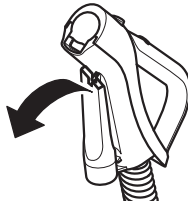
To remove the brush tool, release by pressing the tab and lifting off the holder.



To attach, insert the tab on holder into the slot on the brush tool and press until the tab snaps into place.

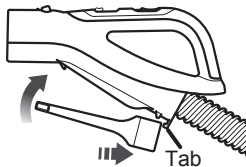
## CREVICE TOOL

Remove the crevice tool by pulling from flat end of the tool.

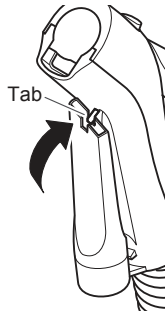


To attach the crevice tool to the handle:






1. Place the round end of the crevice tool onto the tab on the handle as shown.



- Align the slot on the flat end of the crevice tool with the tab on the handle.
- Press the crevice tool onto the handle until the crevice tool snaps into place.



## ATTACHMENT USE TABLE

ATTACHMENTS	CLEANING AREA						
	Furniture <sup>1</sup>	Between Cushions <sup>1</sup>	Drapes <sup>1</sup>	Stairs	Bare Floors	Carpeted Floors/Rugs	Walls
Floor Brush 				√	√		√
Motorized Nozzle 					√ <sup>3</sup>	√	
Pet Pickup Tool <sup>2</sup> 	√			√		√ <sup>4</sup>	
Dusting Brush 	√		√				√
Crevice Tool 	√	√					

- Always clean attachments before using on fabrics.
- Use the pet pickup tool to remove the pet hair from delicate surfaces, such as upholstery and drapes. DO NOT use on a pet.
- 3-way On/Off switch should be in HARDFLOOR position.
- When using the pet pickup tool for carpeted floors/rugs, the 3-way On/Off switch needs to be in CARPET position.

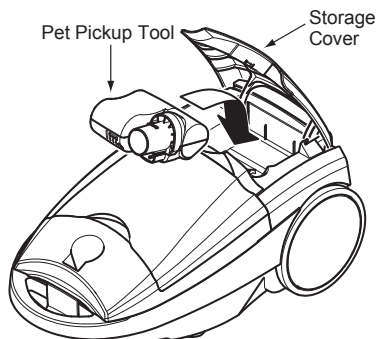
# ATTACHMENT STORAGE

## Pet Pickup Tool

This canister is equipped with an on-board storage area for a Pet Pickup Tool attachment.

### To Store:

1. Open the Pet Pickup Tool storage cover.
2. Insert the Pet Pickup Tool and press down until it clicks into place.
3. Close the lid securely.



### To Remove:

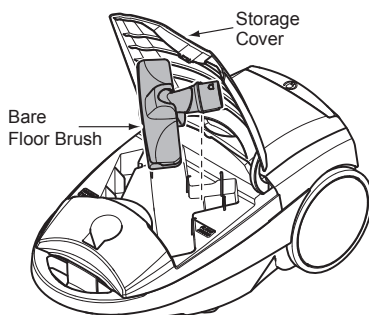
1. Open the storage cover.
2. Remove Pet Pickup Tool from the storage area.
3. Use as needed. See ATTACHMENTS (page 18-22) and ATTACHMENT USE TABLE (page 22).

## Bare Floor Brush

This canister is equipped with an on-board storage area for attachments.

### To Store:

1. Open the tool storage cover.
2. Insert the tool and press down until it clicks into place.
3. Close the lid securely.

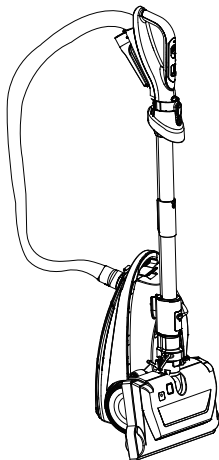


### To Remove:

1. Open the storage cover.
2. Remove attachment from the storage area.
3. Use as needed. See ATTACHMENTS (page 18-22) and ATTACHMENT USE TABLE (page 22).

# VACUUM CLEANER STORAGE

1. Store the vacuum cleaner in upright position. With the motorized nozzle attached, store the wand into the slot located on the bottom of the canister as shown.
2. Press the cord rewind button to rewind the power cord.
3. Store the vacuum cleaner in a dry, indoor area.



## PERFORMANCE FEATURES



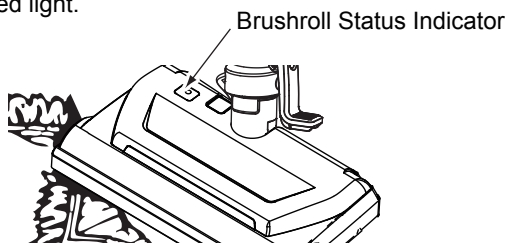
### WARNING

#### Personal Injury Hazard

Always turn off and unplug the vacuum cleaner before cleaning the brushroll area as brushroll may suddenly restart. Failure to do so can result in personal injury.

### OVERLOAD PROTECTOR / BELT RESET

The overload protector protects the motor from brush jamming and belt breakage. If the brushroll slows down or stops, the overload protector shuts off the brush and the brushroll status indicator emits red light.





To correct the problem: Turn off the vacuum cleaner, remove the obstruction, then turn on the vacuum cleaner again. The brushroll status indicator will be off.

If the problem persists, have the vacuum cleaner serviced by a Titan Vacuums or other qualified service agent.

## THERMAL PROTECTOR

This vacuum cleaner has a thermal protector which automatically trips to protect the vacuum cleaner from overheating. If a clog prevents the normal flow of air to the motor, the thermal protector turns the motor off automatically. This allows the motor to cool in order to prevent possible damage to the vacuum cleaner.

To correct problem: Turn off and unplug the vacuum cleaner to allow the vacuum cleaner to cool and the thermal protector to reset. Check for and remove clogs, if necessary.

See REMOVING CLOGS (page 26). Also check and replace any clogged filters. Wait approximately fifty (50) minutes and plug the vacuum cleaner in and turn back on to check if the thermal protector has reset.

## CHECK BAG INDICATOR

When the vacuum cleaner is running with normal airflow, the CHECK BAG light is off. The light comes on whenever the bag is full, airflow becomes blocked, or if there is a clog. If that occurs, first check the disposable dust bag. Then check the motor safety filter and other possible clog locations shown in REMOVING CLOGS (page 26).



To correct problem: See the TROUBLESHOOTING table (page 39).

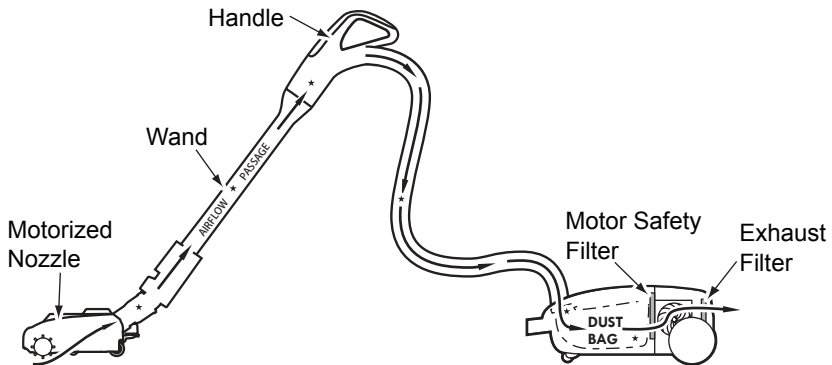
**NOTE:** The indicator light may come on when using certain attachments, due to reduced airflow through attachment. When using in LOW POWER the indicator light may not function.

# REMOVING CLOGS

## REMOVING CLOGS

The vacuum cleaner creates suction that picks up dirt. Rapidly moving air carries the dirt to the dust bag through the airflow passages. The dust bag lets the air pass through, while it traps the dirt.

For best cleaning results, keep the airflow passage open. Check the starred (★) areas occasionally for clogs. Turn off and unplug vacuum cleaner from outlet before checking.



### TO CHECK FOR CLOGS:

- Check the dust bag and empty if full. See BAG CHANGING (page 27-28).
- Check motor safety filter and exhaust filter. See MOTOR SAFETY FILTER CLEANING (page 29) and EXHAUST FILTER CHANGING (page 29-30).
- Check the motorized nozzle for any dirt or debris in the brushroll area. Carefully remove any string or debris located on the brushroll or end caps. See TO CLEAN BRUSHROLL (page 34).

If the vacuum cleaner still has poor suction, do the following:

1. Connect the hose to the canister and turn the vacuum cleaner on. Check the end of the hose handle for suction. If there is good suction on the hose handle, there is no clog in the hose. If the suction is bad, remove any dirt or debris in the hose and handle.
2. Connect the hose handle to the wand. Check the end of the wand for suction. If there is good suction at the end of the wand, there is no clog in the wand. If the suction is bad, remove any dirt or debris in the wand.
3. Check the nozzle swivel. Remove any dirt or debris.

# CLEANING EXTERIOR AND ATTACHMENTS

1. Turn off and unplug the vacuum cleaner. DO NOT drip water on the vacuum cleaner.
2. To clean the exterior, or to reduce static electricity and dust build-up, wipe the outer surface with a clean, soft cloth that has been dipped in a solution of mild liquid detergent and water, then wring dry. Wipe dry after cleaning.

## CAUTION

Do not use attachments if they are wet. Attachments used in dirty areas, such as under a refrigerator, should not be used on other surfaces until they are washed. They could leave marks.

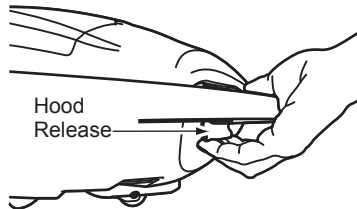
# BAG CHANGING

For best cleaning results, the dust bag should be changed often. The CHECK BAG indicator will come on when the bag needs to be changed or the airflow is blocked.

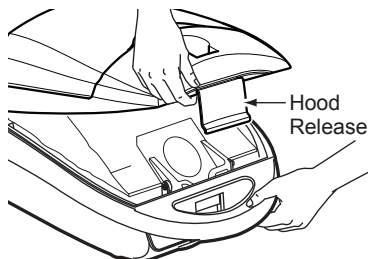
**NOTE:** Use replacement dust bag, see part number detail in REPLACEMENT PARTS (page 7).

## REMOVING DUST BAG

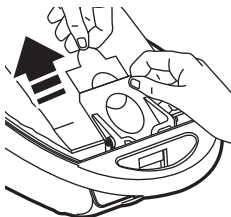
1. Turn off and unplug the vacuum cleaner.
2. Remove hose from canister. (See ASSEMBLY INSTRUCTIONS, page 9-12).
3. Pull hood release out and up.



4. Lift canister hood.



5. Pull bag out of the bag mount and dispose of dust bag.



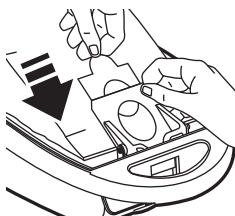
**NOTE:** Check the motor safety filter and replace, if necessary. (See MOTOR SAFETY FILTER CLEANING, page 29).

**NOTE:** The bag mount will flip forward after removing bag. This will prevent the hood from closing until a new bag is installed.

## REPLACING DUST BAG

**Note:** DO NOT bend or crease the middle of the cardboard when installing the bag into the bag mount slots.

1. Verify that vacuum cleaner is unplugged.
2. Rotate bag mount down and install bag into slots per illustration. Then push down until the cardboard tab locks into position and the holes are aligned.



3. Tuck the bag securely into the bag cavity so that none of the bag is able to be pinched by the hood.
4. Close and latch canister hood.
5. Insert hose into canister until it snaps in place. ASSEMBLY INSTRUCTIONS, page 9-12).



### CAUTION

#### **NEVER EMPTY OUT AND REUSE A DUST BAG.**

Very fine materials, such as carpet freshener, face powder, fine dust, plaster, soot, new carpet lint, etc. can clog the bag and cause it to burst before it is full and may cause damage to vacuum cleaner motor. Change bag more often when vacuuming these materials.

# MOTOR SAFETY FILTER CLEANING

Check motor safety filter occasionally and clean when dirty.

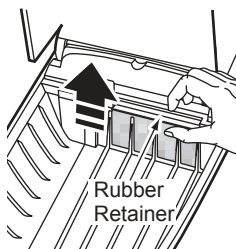


## WARNING

### Electrical Shock Hazard

Turn off and unplug vacuum cleaner from electrical outlet. Do not operate the vacuum cleaner without the motor safety filter. Be sure the filter is dry and properly installed to prevent motor failure and/or electrical shock.

1. Remove the bag as outlined in the BAG CHANGING (page 27-28) section.
2. Lift the rubber retainer and pull out motor safety filter as shown.



3. Wash filter in warm soapy water, rinse, then dry. Do not clean in dishwasher or install while damp.
4. Replace the filter by sliding it back into place under the ribs in the bag cavity. Tuck filter in so that it fits completely under the rubber retainer.
5. Replace the bag as outlined in the BAG CHANGING (page 27-28) section.



# EXHAUST FILTER CHANGING

The exhaust filter cartridge must be replaced regularly. Replace the exhaust filter when the entire surface area is covered evenly. The exhaust filter CANNOT be washed as it will lose its dust trapping ability.

**NOTE:** Use replacement exhaust filter, see part number detail in REPLACEMENT PARTS (page 7).

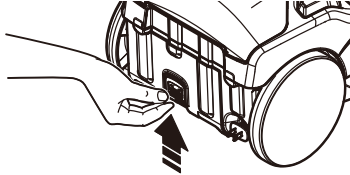


## WARNING

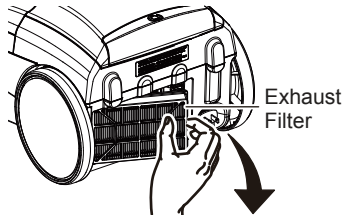
### Fire and/or Electrical Shock Hazard

Do not operate with a clogged exhaust filter or without the exhaust filter installed. Do not operate without filter cover installed.

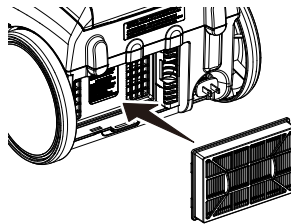
1. Pull out and down on the exhaust filter cover to remove from the canister and lay aside.



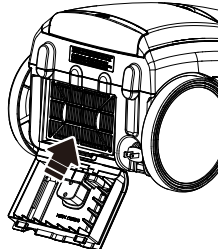
2. Pull the exhaust filter up and out from the rear of the canister.



3. Replace the exhaust filter cartridge. Place the new filter into the canister with the foam seal facing towards the canister.

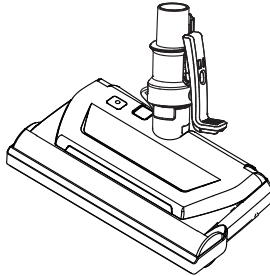


4. Replace the exhaust filter cover by placing the two tabs on the filter cover into the slots on the canister and rotate into place until it snaps closed.



# MOTORIZED NOZZLE CARE

Always follow all safety precautions when performing maintenance to the motorized nozzle.



## WARNING

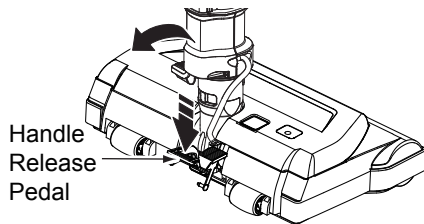
### Electrical Shock or Personal Injury Hazard

Always turn off and unplug the vacuum cleaner before performing maintenance to the vacuum cleaner. Failure to do so could result in electrical shock or personal injury from vacuum cleaner suddenly starting.

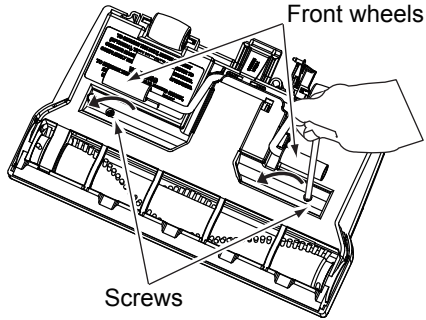
## BELT CHANGING AND BRUSHROLL CLEANING

### TO REMOVE BELT

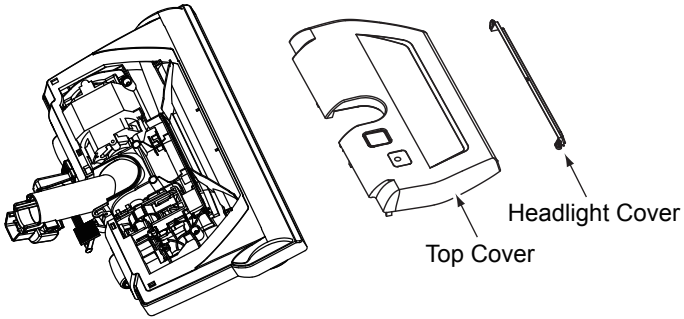
1. Turn off and unplug the vacuum cleaner. Remove the wand from the motorized nozzle.
2. Press on the handle release pedal to lower the handle from upright position.



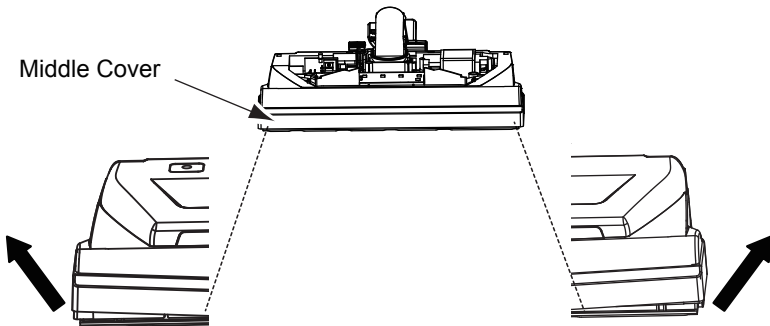
- 3. Turn the motorized nozzle upside down.
- 4. Lift up the front wheels to show the two (2) screws. Unscrew the two screws using a Phillips head screwdriver. Reserve the two screws properly for re-installation.



- 5. Turn the nozzle right side up. Remove the top cover and the headlight cover.

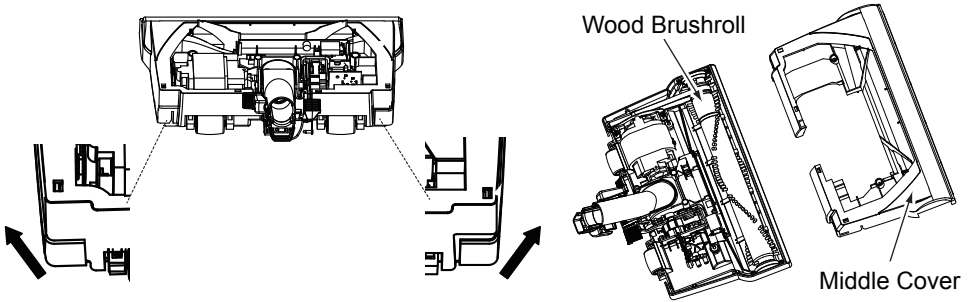


- 6. Firmly grasp one side of the front section of the middle cover and pull out. Then grasp another side and pull out.

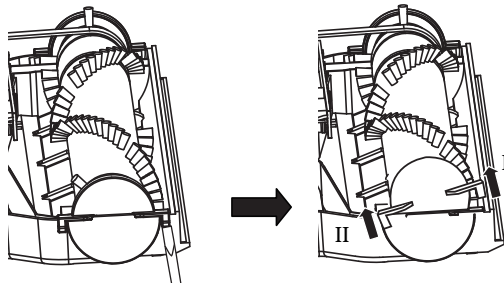




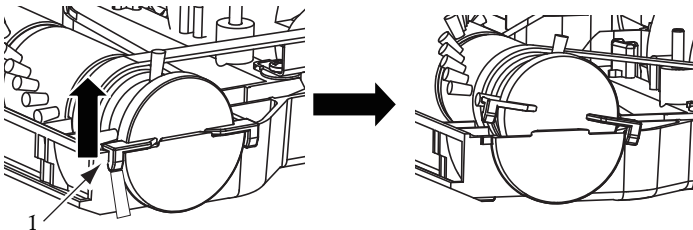
7. Firmly grasp both sides of the back section of the middle cover and pull out. Remove the middle cover.



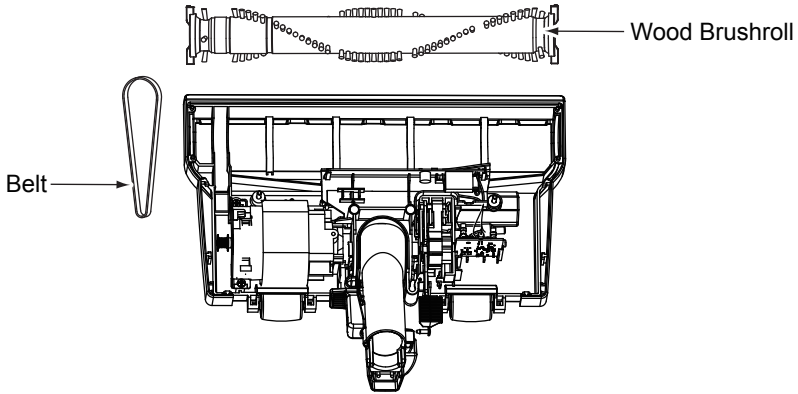
8. To remove the wood brushroll, first remove its non-belt side. Use a suitable tool (e.g. a flat head screwdriver) to carefully pry off the end cap as shown and release the non-belt side from the base.



9. Remove the belt side of the brushroll. Use a suitable tool (e.g. a flat head screwdriver) to carefully pry off the end cap at position 1 as shown, and then release the belt side from the base.



10. Remove the wood brushroll and the worn belt.



11. Check and clean the wood brushroll and the belt. See BRUSHROLL ASSEMBLY (page 34) for picture of complete brushroll assembly.

## TO CLEAN THE BRUSHROLL

**NOTE:** In order to keep high cleaning efficiency and to prevent damage to your vacuum cleaner, the brushroll must be cleaned every time the belt is changed.

The brushroll must also be cleaned according to the following schedule:

### Vacuum Cleaner Use

HEAVY - (used daily)

MODERATE - (used 2-3 times/week)

LIGHT - (used 1 time/week)

### Clean brushroll

every week

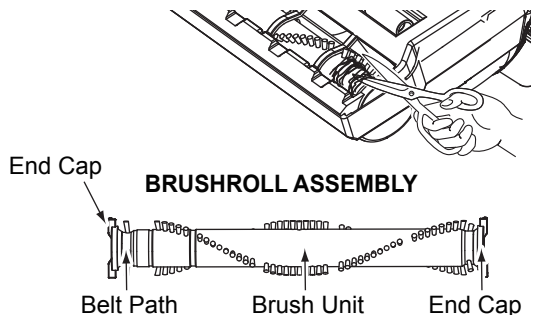
every month

every 2 months

## IMPORTANT

Turn off and unplug the vacuum cleaner from the electrical outlet. Check and remove hair, string and lint build-up frequently in the motorized nozzle brushroll and end cap areas.

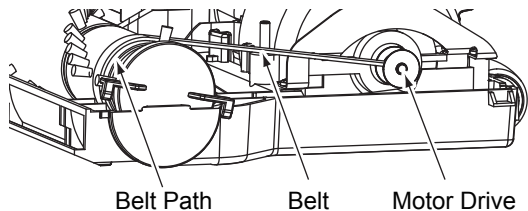
Remove any dirt or debris in the belt path area or in the brush roller area. Carefully remove any string or debris located on the brushroll or end caps.



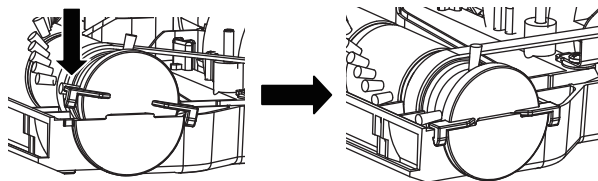
## TO REPLACE BELT

**NOTE:** To use replacement belt, see part number detail in REPLACEMENT PARTS (page 7).

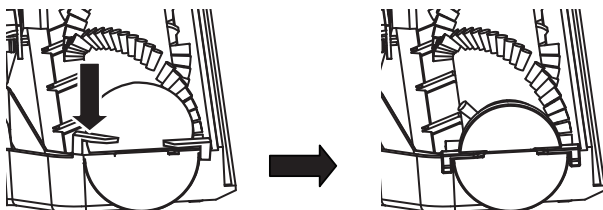
1. Install the new belt over the motor drive, then over the belt path.



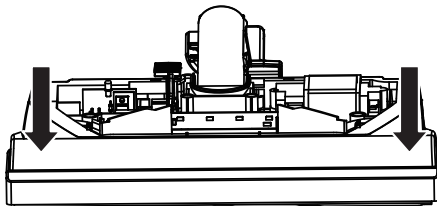
2. Install the belt side of the brushroll back into the base. Replace the end cap into position and then press down firmly as shown until it is locked into place.



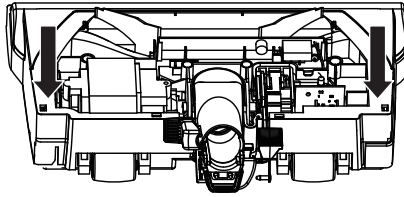
3. Install the non-belt side of the brushroll. Replace the end cap into position and then press down as shown until it is locked into place.



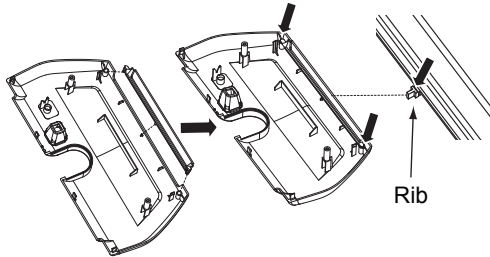
4. Install the middle cover. Press firmly on both sides of the middle cover front section until it snaps into place.



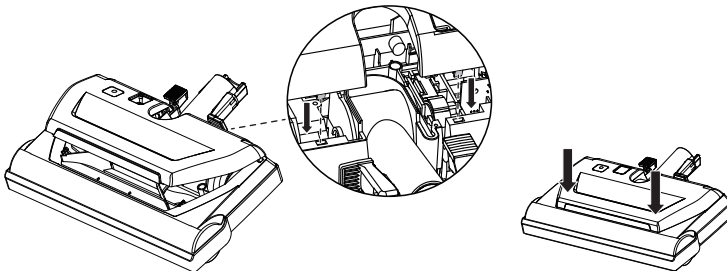
5. Press firmly on both sides of the middle cover back section until it snaps into place.



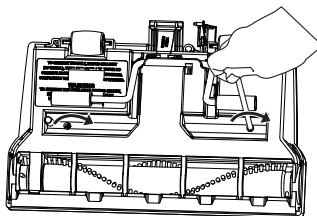
6. Align the headlight cover with the top cover and insert the headlight cover into the top cover. Make sure the rib on the top cover and the headlight cover are connected into place.



7. Replace the top cover and headlight cover. First align and insert the two tabs on the top cover into the slots on the middle cover. Then press the cover firmly until it snaps into place. Make sure there is no gap between the top cover and the middle cover.



8. Turn the motorized nozzle upside down and replace two (2) cover screws under the front wheels. Replace the front wheels.



# BRUSHROLL SERVICING



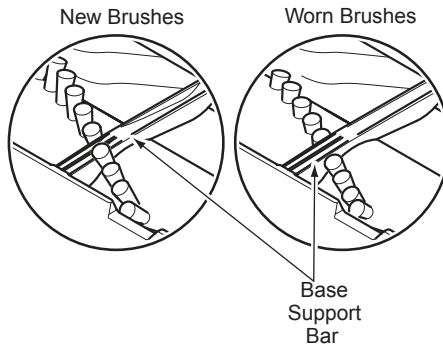
## WARNING

### Electrical Shock Or Personal Injury Hazard

Always turn off and unplug vacuum cleaner before performing maintenance to the vacuum cleaner. Failure to do so could result in electrical shock or personal injury from vacuum cleaner suddenly starting.

## TO CHECK THE BRUSHES

When brushes are worn to the level of the base support bars, replace the brushroll assembly.



## TO REPLACE BRUSHROLL ASSEMBLY

1. Remove the motorized nozzle top cover, middle cover, belt and the wood brushroll assembly. See "TO REMOVE BELT" in BELT CHANGING AND BRUSHROLL CLEANING (page 31-34).
2. Replace the brushroll assembly. See your separate repair parts list for part number.
3. Reinstall the brushroll assembly and motorized nozzle covers. See "TO REPLACE BELT" in BELT CHANGING AND BRUSHROLL CLEANING (page 35-36).

# TROUBLESHOOTING

Review this table to find do-it-yourself solutions for minor performance problems. Any other service needed should be performed by a Titan Vacuums or other qualified service agent.



## **WARNING**

Always turn off and unplug the vacuum cleaner before performing maintenance to the vacuum cleaner. Failure to do so could result in electrical shock or personal injury.

<b>PROBLEM</b>	<b>POSSIBLE CAUSE</b>	<b>SOLUTION</b>
Vacuum cleaner will not start.	The plug is not plugged to the wall outlet.	Be sure the power cord plug is fully plugged into outlet. Move switch to <b>HARDFLOOR</b> or <b>CARPET</b> position.
	Tripped circuit breaker / blown fuse at household service panel.	Reset circuit breaker or replace fuse.
	Loose hose electrical connections.	Reconnect hose ends (page 10).
The job of dirt pick-up is poor or suction power is weak.	Full or clogged dust bag.	Change the dust bag (page 27-28).
	Clogged airflow passages.	Clear airflow passages (page 26).
	Dirty filters.	Clean/replace filters (page 29-30).
	Wrong pile height setting.	Adjust the setting (page 17).
	Electronic suction control is in low power position.	Adjust the electronic suction control (page 15).
	Hole in hose.	Replace the hose.
	Worn nozzle brushroll.	Change the brushroll (page 37).
	Worn or broken belt.	See <b>BELT CHANGING AND BRUSHROLL CLEANING</b> (page 31-36).
Dirty brushroll or end caps.	See <b>BELT CHANGING AND BRUSHROLL CLEANING</b> (page 31-36).	

Vacuum cleaner starts but shuts off.	Wrong hose or hood electrical connections.	Check connections; reconnect hose ends (page 10).
	Tripped overload protector in the motorized nozzle.	Turn off the vacuum cleaner and remove any items that may be caught or jammed, then restart the vacuum cleaner. If the vacuum cleaner starts and stops again, clean the brushroll and end caps, then reset (page 24-25).
	Tripped thermal protector in canister.	See THERMAL PROTECTOR (page 25).
Motorized nozzle will not run when attached.	Nozzle connections unplugged.	Plug in firmly.
	Worn or broken belt.	See BELT CHANGING AND BRUSHROLL CLEANING (page 31-36).
	Dirty brushroll or end caps.	See BELT CHANGING AND BRUSHROLL CLEANING (page 31-36).
	Tripped overload protector in the motorized nozzle.	Turn off the vacuum cleaner and remove any items that may be caught or jammed, then restart the vacuum cleaner. If the vacuum cleaner starts and stops again, clean the brushroll and end caps, then reset (page 24-25).
	Switch not in CARPET position.	Move the switch to CARPET position (page 14).
CHECK BAG Indicator activates.	Full or clogged dust bag.	Change bag. (page 27-28)
	Dirty filters.	Clean/replace filters. (page 29-30)
	Blocked airflow passage.	Clear blockage from airflow passage. (page 26)
	When using certain attachment tools.	This is normal. Light should go off when tool is removed.

Vacuum cleaner picks up moveable rugs or nozzle pushes too hard.	Wrong pile height setting.	Adjust the setting (page 17).
	Suction too strong.	Adjust the electronic suction control to decrease suction (page 15).
Headlight will not work.	Burned out LED light.	Have the vacuum cleaner serviced by a Titan Vacuums or other qualified service agent to change the LED light.
Cord will not rewind.	Dirty power cord.	Clean the power cord.
	Cord jammed.	Pull out the cord and rewind (page 14).
Vacuum cleaner leaves marks on carpet.	Wrong vacuuming pattern.	See VACUUMING TIPS (page 15-17).