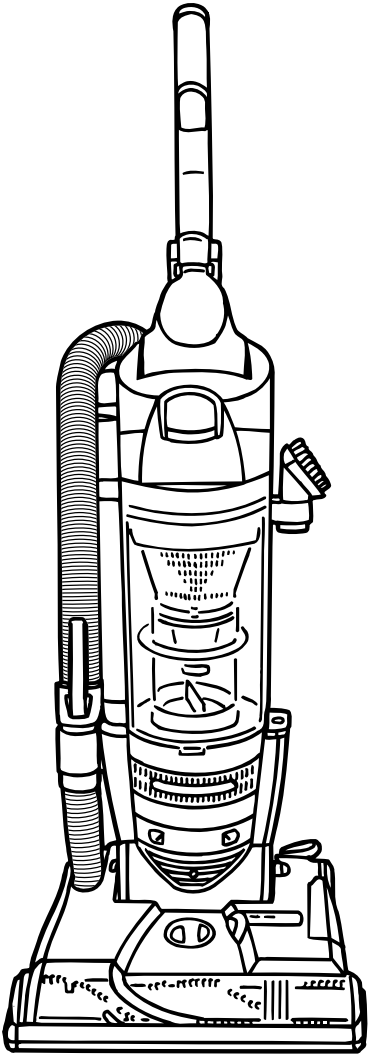
Owner's Manual

Operating and Servicing Instructions

Windtunnel™ Cyclonic



U57809RM

REMANUFACTURED

Review this manual before operating the cleaner.

www.hoover.com

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#59881086. 6/08

Thank you for choosing a HOOVER® product.

Please enter the complete model and serial numbers in the spaces provided.

Model _____

Hint: Attach your sales receipt to this owner's manual. Verification of date of purchase may be required for warranty service of your HOOVER product.

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If you need assistance:
Visit our website at hoover.com. Click on the "Customer Service" link to find the service outlet nearest you OR Call 1-800-944-9200 for an automated referral of authorized service outlet locations (U.S. only) OR Call 1-330-499-9499 to speak with a representative in our Consumer Response Center.

Please do not return this product to the store.

Important Safety Instructions

When using an electrical appliance, always follow basic precautions, including the following:

READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE

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

- Do not use outdoors or on wet surfaces.
- Close supervision is necessary when any appliance is used by or near children. Do not allow vacuum cleaner to be used as a toy or to run unattended at any time.
- Keep hair, loose clothing, fingers, feet and all parts of body away from openings, rotating agitator and other moving parts.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use to pick up flammable or combustible materials such as gasoline or fine wood sandings or use in areas where they may be present.
- Always turn off this appliance before connecting or disconnecting hose.
- Unplug cleaner before connecting the powered hand tool.
- Do not use without dirt cup or filters in place. Empty cup and clean filter frequently when picking up very fine materials such as powder.
- Use extra care when cleaning on stairs.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, or anything that may reduce air flow.
- Always disconnect cord from electrical outlet before servicing the cleaner.
- Unplug cleaner when not in use. Turn off all controls before unplugging.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord. Never handle plug or appliance with wet hands.
- The use of an extension cord is not recommended.
- 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, take it to a Hoover Sales and Service Center or Authorized Hoover Warranty Service Dealer (Depot).
- Do not pull or carry by cord, use cord as a handle, close door on cord or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
- Use vacuum cleaner only for its intended use as described in the instructions. Use only attachments recommended by Hoover; others may cause hazards.
- Hold plug when rewinding cord onto cord reel. Do not allow plug to whip when rewinding.

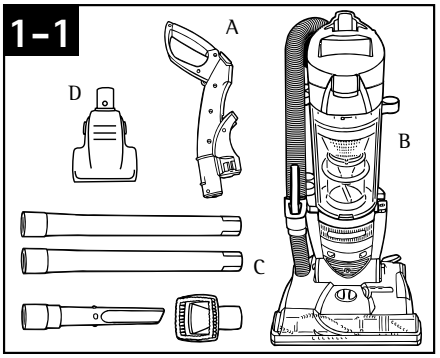
WARNING:

- This product contains chemicals known to the State of California to cause cancer and reproductive toxicity. Wash hands after handling.
- Do not operate cleaner in bare feet or when wearing open toe shoes or sandals.
- Avoid picking up hard, sharp objects with the cleaner. They may damage the cleaner.

Save these instructions!

1. CLEANER ASSEMBLY

Carton contents

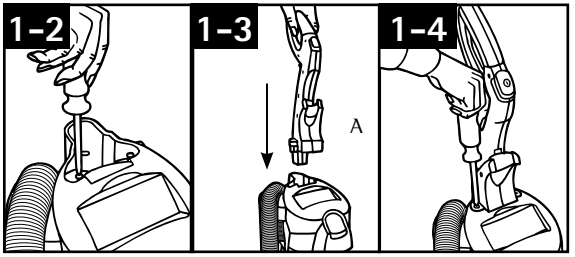


A. Handle section
B. Cleaner base and upper housing assembly
C. Cleaning tools and wands
D. Powered Hand Tool

Remove all parts from carton and identify each item shown.

Make sure all parts are located before disposing of packing materials.

Attach handle

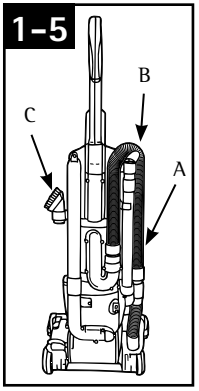


Using a Phillips screwdriver, remove (2) screws from the top of the upper housing assembly.

Insert handle section (A) into upper housing assembly. Push down firmly until you hear a click.

Fasten (2) screws on either side of handle base.

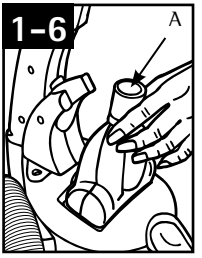
Position Tools



Place smaller diameter end of wand (A) into bottom of rack. Snap wand into clip at top. Repeat with other wand.

Crevice tool (B) fits into one of the extension wands.

Fit combination tool (C) into storage area on side of cleaner as shown.



Fit powered hand tool (A) into recessed area on front of cleaner. Pivot toward handle to snap in place.

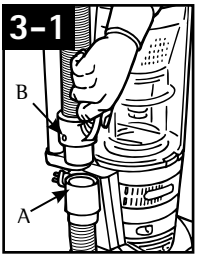
3. CLEANING TOOLS

Tools allow for cleaning surfaces above the floor and for reaching hard to clean areas.

The cleaner is ready for tool use when handle is in upright position.

The agitator brush roll will not rotate when the cleaner is in the upright position or the if the agitator brush roll shut off indicator is in the OFF position when the handle is lowered.

Removing Hose

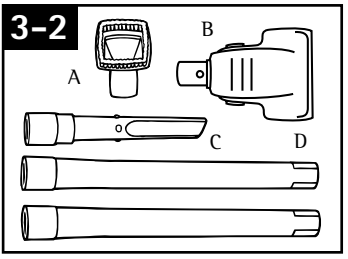


When using cleaning tools, place cleaner handle in the upright position. The agitator brush roll will not rotate when the cleaner is in the upright position. Also, turn cleaner OFF before disconnecting and connecting hose to hose tube (A).

To use hose, lift hose end (B) as shown.

When you are finished cleaning with the tools, reposition hose end into tube.

Select Proper Tool



A. Dusting Brush, maybe used for carved furniture, table tops, books, lamps, lighting, fixtures, venetian blinds, baseboards, shutters, and registers.

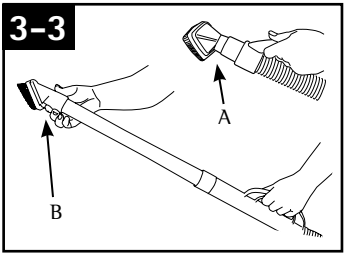
Remove brush (Fig. 3-4) to clean upholstered furniture, draperies, mattresses, clothing, and carpeted stairs.

B. Powered hand tool may be used for upholstered furniture, draperies, mattresses, clothing, automobile interiors, and carpeted stairs.

C. Crevice tool may be used in tight spaces, corners and along edges in such places as dresser drawers, upholstered furniture, stairs and baseboards.

D. Wands are used to give extra length to your hose. Use them with any of the above tools.

Attach Wand and Tools



Attach tool or wand to the hose (A).

Attach tool to wand (B) by pushing it firmly onto the wand.

Twist wand or tool slightly to tighten or loosen the connection.

How to Clean Tools

To clean the hose and powered hand tool, wipe off dirt with a cloth dampened in a mild detergent. Rinse with a damp cloth. DO NOT submerge powered hand tool in water.

Cleaning tools may be washed in warm water with a detergent. Rinse and air dry before using.

Stair Cleaning

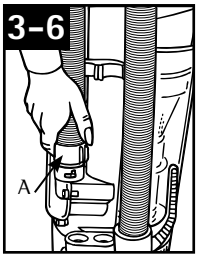
Use the hose and powered hand tool for stair cleaning. Clean from bottom to top.

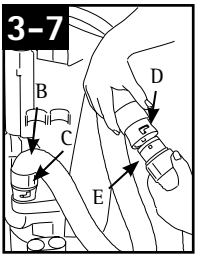
CAUTION: To avoid personal injury or unnecessary wear to carpet, and to prevent the cleaner from falling, always place it at bottom of stairs.

Extra Reach™ Hose

(available at additional cost)

The Extra Reach™ hose provides easier cleaning of stairs and hard to reach places. Follow the steps below for attaching and detaching the Extra Reach™ hose.





Turn cleaner OFF before disconnecting and connecting hose. Remove hose end from dirt duct (A). Align end of Extra Reach™ hose with projections (B) over slots on dirt duct (C). Slide hose into slots and twist hose to lock it into place.

Align end of hose with projections (D) over slots (E) on Extra Reach™ hose. Slide hose into slots and twist hose to lock it into place. (To detach hose, reverse procedure).

Attach wands or tools to the other end of hose.

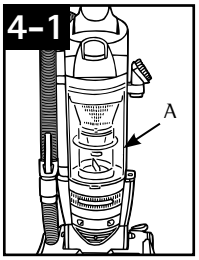
Note: Hose must be connected to dirt duct and hose tube after removing Extra Reach™ hose for carpet or floor cleaning.

4. MAINTENANCE

Familiarize yourself with these home maintenance tasks as proper use and care of your cleaner will ensure continued cleaning effectiveness.

Dirt Cup

When to Empty



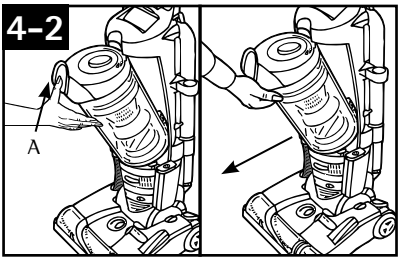
Empty the dirt cup before the dirt reaches the fill line (A). Place the cleaner in the upright position before removing the dirt cup.

Disconnect cleaner from electrical outlet. Do not use cleaner without dirt cup or filters in place.

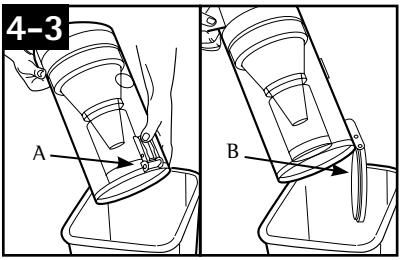
CAUTION: Very fine materials, such as face powder or cornstarch, may seal the filter and cause a reduction in performance. When using the cleaner for this type of dust, empty the cup and clean the filters often.

Dirt Cup (cont.)

How to Empty

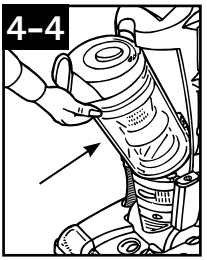


Press dirt cup release button (A) and pivot cup out.

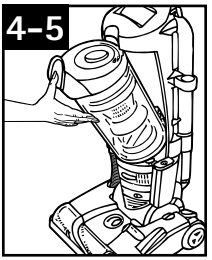


Holding dirt cup over trash receptacle, press dirt cup door release button (A) to open dirt cup door (B).

Close door and press dirt cup door release button to latch dirt cup door closed.



Place bottom of dirt cup into cleaner body first. Pivot cup into cleaner body.



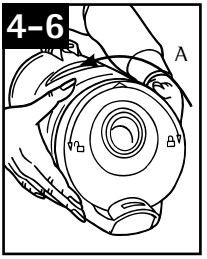
Press on dirt cup release button while firmly pressing on dirt cup.

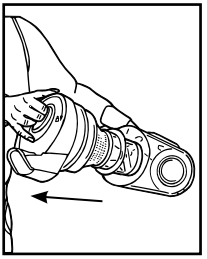
Release button in order for it to return to proper position and lock the dirt cup into place.

Filters

Cyclonic Filter Assembly: How to Clean

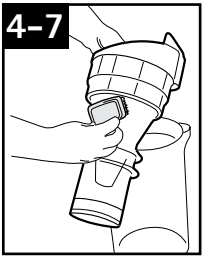
Disconnect cleaner from electrical outlet. Do not use cleaner without dirt cup or filters in place.

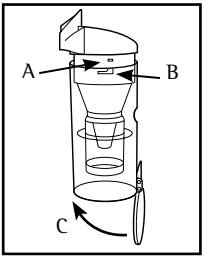




Remove dirt cup as described in Fig. 4-2.

Twist filter assembly (A) counterclockwise. Remove assembly from dirt cup.





Dirt and debris can be cleaned from the filter assembly by brushing with the cleaner's combination tool.

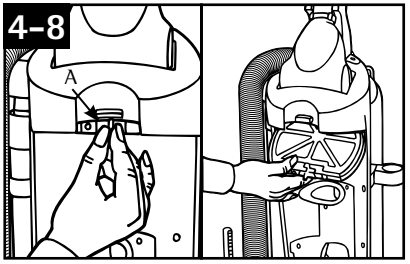
Place the filter assembly on the dirt cup, aligning (3) tabs (A) on filter with (3) slots on dirt cup (B) and twist it clockwise to secure into position. Press dirt cup door release button (C) to latch dirt cup door closed.

Replace dirt cup as described in Figs. 4-4 & 4-5.

Filters (cont.)

Secondary Filter: How to Clean

Disconnect cleaner from electrical outlet. Do not use cleaner without dirt cup or filters in place.



Remove dirt cup as described in Fig. 4-2.

With thumb and forefinger, slide latch (A) located at the top of the housing to the right and pull down to remove gray filter frame. Remove black foam filter. Rinse filter frame cartridge and foam filter under cold water.

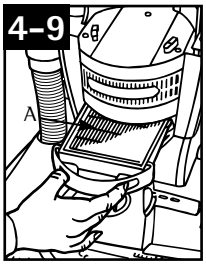
Allow both filter frame and filter to air dry for 24 hours before replacing filter into filter frame. Reposition filter frame cartridge by inserting tabs into slots on back of housing. Rotate filter cartridge frame up toward top of housing and snap closed.

Secondary Filter: What to Buy

When purchasing a new secondary filter cartridge, ask for HOOVER part No. 93002517. To purchase a new black foam filter, ask for HOOVER part No. 93002518.

HEPA Final Filter: How to Clean

Disconnect cleaner from electrical outlet. Do not use cleaner without dirt cup or filters in place.



With fingers in slots, pull filter frame (A) straight out.

Dirt and debris can be cleaned from the filter cartridge by brushing with the cleaner's combination tool.

DO NOT RINSE OR WASH the HEPA filter cartridge.

Slide back into position on cleaner.

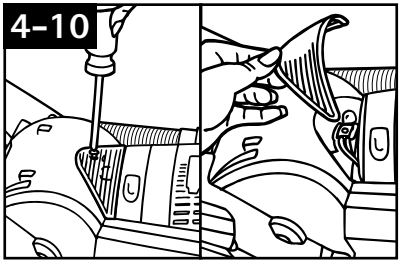
HEPA Final Filter: What to Buy

When purchasing a new HEPA filter cartridge, ask for HOOVER part No. 93002360.

Headlight

Disconnect cleaner from electrical outlet.

Removing Lens



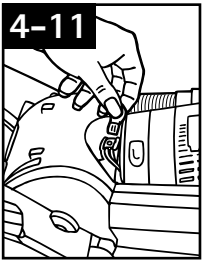
Press handle release pedal and place handle in low position.

Using a Phillips screwdriver, remove the the screw as shown and lift off lens.

Headlight: What to buy

This cleaner uses a 13 volt, T-3 114 wedge base bulb, When purchasing a new lightbulb, ask for Hoover part No. 27313-107.

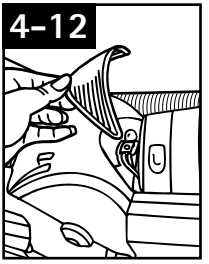
Installing Bulb



Pull old bulb straight out of socket. Push new bulb straight into socket until locked in place.

Excessive force is not required.

Replacing Lens



Reposition lens and secure with the screw.

Belts

Disconnect cleaner from electrical outlet.

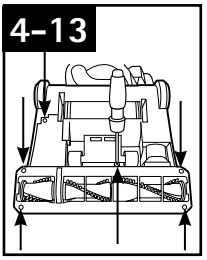
WARNING: Agitator brush roll can start suddenly. Unplug cleaner before turning it over.

The belts are located under the bottom plate of the cleaner and should be checked from time to time to be sure they are in good condition.

Replacing Flat Belt

Replace belt if it is stretched, cut or broken. To check the flat belt, refer to Fig. 4-13.

Removing Bottom Plate

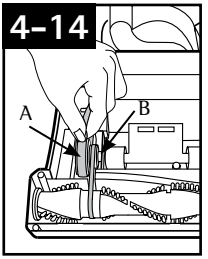


Place handle in low position and turn cleaner over so bottom side is facing up.

Remove the 6 screws as shown with a Phillips screwdriver.

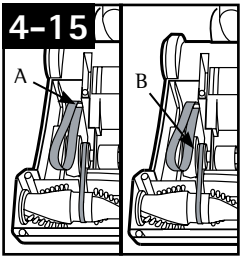
Lift off bottom plate.

Removing Belt



Remove used belt (A) from large pulley (B) and discard.

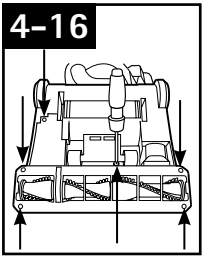
Positioning Belt



With lettering on outside of belt, slide new belt over motor shaft (A).

Place other end of belt over large pulley (B) while rolling the pulley in direction shown.

Turn agitator brush roll making sure belt turns freely and is not pinched between agitator brush roll and agitator shield.

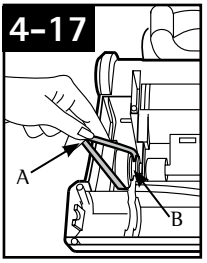


Reposition bottom plate and 6 Phillips head screws. Tighten screws securely.

Flat Belt: What to Buy

Use only genuine HOOVER belts with your cleaner. When purchasing a new belt, ask for Flat belt - HOOVER part No. 40201-271.

Inspecting V-Belt



The V-belt is designed to last for a long time and is not normally replaced. However, if the V-belt is cracked, gouged or broken, it should be replaced.

Slide flat belt off large pulley as shown in Fig. 4-14.

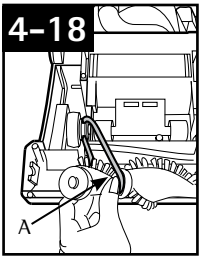
To remove V-belt, slide back of belt over pulley (A). Then firmly pull on belt and “snap” it out.

Discard used belt.

To install new belt (with lettering on outside of belt), slide back of belt over pulley and pull front of belt toward groove (B) next to pulley. Belt will “pop” into place.

V-Belt: What to Buy

Use only genuine HOOVER belts with your cleaner. When purchasing a new belt, ask for V belt - HOOVER part No. 40201-200.



Insert agitator brush roll through belt and position belt in groove (A) on agitator brush roll.

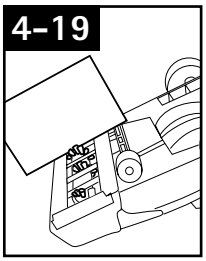
Agitator Brush Roll

Disconnect cleaner from electrical outlet.
WARNING: Agitator brush roll can start suddenly. Unplug cleaner before turning it over.

Replacing Agitator Brush Roll

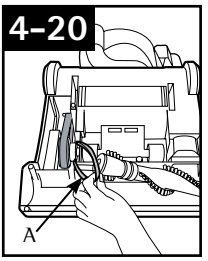
When agitator brushes are worn, the brush roll should be replaced.

Inspecting Agitator Brush Roll



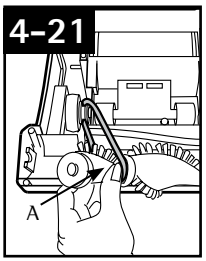
To check condition of brushes, move edge of a card across bottom plate while turning agitator brush roll. To maintain cleaning effectiveness, replace agitator brush roll if brushes do not touch card.

Removing Agitator Brush Roll



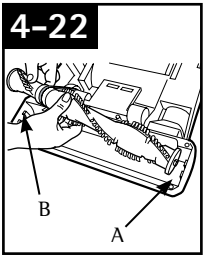
Turn carpet height adjustment knob to lowest setting. Turn cleaner over and remove bottom plate (Fig. 4-13). Lift up agitator brush roll and slide V-belt (A) off agitator brush roll.

Positioning V-Belt



Insert agitator brush roll through belt and position belt in groove (A) on agitator brush roll.

Installing Agitator Brush Roll



Grasp agitator brush roll firmly and fit it into position by first sliding end opposite the belt into the rectangular slot (A) on side of cleaner.

Pull other side of agitator brush roll (B) into place. Belt may fit loosely when properly installed.

Reposition flat belt and bottom plate (Figs. 4-15 to 4-16).

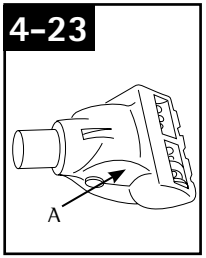
Agitator Brush Roll: What to Buy
When purchasing a new Agitator Brush Roll, ask for HOOVER part No. 93002361.

Powered Hand Tool

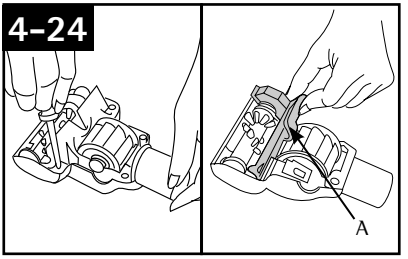
Replacing Agitator Brush Roll

When agitator brushes are worn, the brush roll should be replaced.

How to Replace



Turn tool so bottom faces up. Press the latches on either side of tool and remove bottom plate (A).

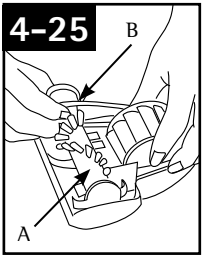


Unscrew the two Phillips screws and remove belt guard (A).

Powered Hand Tool (cont.)

Replacing Agitator Brush Roll

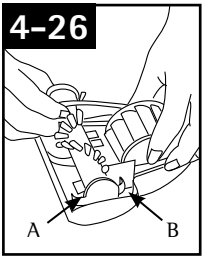
How to Replace



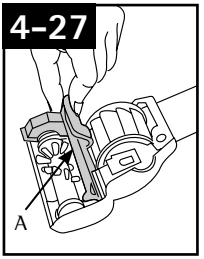
Remove agitator including end plates (A) and discard.

Inspect belt to ensure that it is in good condition. If belt is cracked, gouged or broken, replace it (see following section).

Insert brush roll through belt and position belt over gear teeth (B) on brush roll.

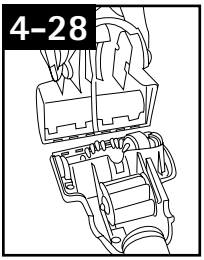


With curved ends down, slide end plates (A) of brush roll into slots (B) on tool.



Replace belt guard (A) making sure not to pinch brush bristles in guard. Turn agitator, to make sure it rotates freely.

Replace and tighten screws.



To replace bottom plate, insert the four tabs on edge of bottom plate into slots on front of tool.

Pivot bottom plate down and snap closed.

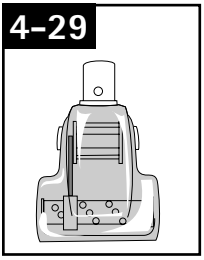
Agitator Brush Roll: What to Buy

When purchasing a new Powered Hand Tool Agitator Brush Roll, ask for HOOVER part No. 48414-088.

Belt Replacement

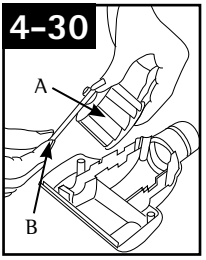
The powered hand tool belt is designed to last a long time and is not normally replaced. However, if the belt is cracked, gouged or broken, it should be replaced.

Inspecting the Belt



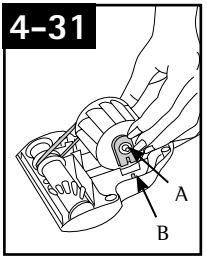
The belt can be seen through the top of the nozzle or by removing the bottom plate and belt guard (Figs. 4-23 to 4-24).

Replacing the Belt



Grasp turbine (A) and pull firmly to remove.

Remove belt from turbine pulley (B). Replace with new belt.



With flat sides of turbine retainers (A) pointing down, slide retainers into grooves (B) in tool housing and snap into place.

Replace brush roll, belt guard, and bottom plate as described in Figs. 4-25 through 4-28.

Powered Hand Tool Belt: What to Buy

When purchasing a new Powered Hand Tool Belt, ask for HOOVER part No. 38528-037.

Lubrication

The motor is equipped with bearings that contain sufficient lubrication for the life of the motor. The addition of lubricant could cause damage. Therefore, do not add lubricant to motor bearings.

The agitator brush roll is equipped with two ball bearings that should be lubricated periodically by a Hoover Sales and Service Center or an Authorized Hoover Warranty Service Dealer.

Thermal Protector

An internal thermal protector has been designed into your cleaner to protect it from overheating.

When the thermal protector activates, the cleaner will stop running. If this happens, proceed as follows:

1. Turn the cleaner OFF and disconnect it from the electrical outlet.
2. Check secondary and final filters for dirt accumulation.
3. Refer to “Clearing blockages” section.
4. When cleaner is unplugged and the motor cools for 30 minutes, the thermal protector automatically resets and cleaning may continue.

If the thermal protector continues to activate after following the above steps, your cleaner may need servicing (see “Service” section).

Service

To obtain approved HOOVER service and genuine HOOVER parts, locate the nearest Hoover Sales and Service Center or Authorized Hoover Warranty Service Dealer (Depot) by:

- checking the Yellow Pages under “Vacuum Cleaners - Household”

-OR -

- checking the Service section of Hoover on-line at hoover.com

-OR -

- calling 1-800-944-9200 for an automated referral of authorized service outlet locations (U.S. only).

Do not send your cleaner to Hoover in Glenwillow, Ohio for service, this will only result in delay.

If further assistance is needed, contact the Hoover Consumer Response Center, Phone: 1-330-499-9499.

In Canada: Carson Building; 100 Carson St.; Etobicoke, ON; M8W3R9; 1-800-263-6376.

Always identify your cleaner by the complete model number when requesting information or ordering parts. (The model number appears on the back of the cleaner.)

5. TROUBLESHOOTING

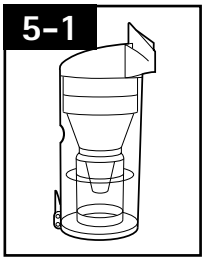
PROBLEM	POSSIBLE REASON	POSSIBLE SOLUTION
Cleaner won't run	1. Power cord not firmly plugged into outlet.	1. Plug unit in firmly.
	2. Blown fuse or tripped breaker.	2. Check fuse or breaker in home. Replace fuse/ reset breaker.
	4. Thermal Protector activated.	4. Unplug and allow cleaner to cool for 30 minutes. (This willl reset the thermal protector)
Cleaner won't pick up or low suction	1. Blockage in air flow passages.	1. Clear blockage - Pg. 16.
	2. Dirt cup full.	2. Empty dirt cup - Pg. 9.
	3. Agitator Brush Roll worn.	3. Replace Agitator Brush Roll - Pg. 10.
	4. Broken or worn belt.	3. Replace belt - Pg. 12.
	5. Clogged filter.	5. Remove filter and clean - Pg. 9-10.
	6. Nozzle/dirt passage hose clogged.	6. Remove lower hose; remove obstruction - Pg. 16.
	7. Carpet height setting is incorrect.	7. Set carpet height adjustment to appropriate setting for carpet being cleaned - Pg. 6.
	8. Agitator Brush Roll is OFF.	8. Step on pedal to turn Agitator Brush Roll on - Pg. 6.
Dust escaping from cleaner	1. Dirt cup full.	1. Empty dirt cup - Pg. 9.
	2. Dirt cup not installed correctly.	2. Review dirt cup removal & replacement - Pg. 9.
	3. Hose not installed correctly.	3. Review hose installation - Pg. 4.
	4. Filter not installed completely.	4. Review filter removal & replacement - Pg. 9-10.
Headlight not working	1. Bulb burnt out.	1. Replace bulb - Pg. 10.
	2. Loose electrical wires.	2. Call 1-800-944-9200 for nearest authorized Hoover® dealer.
Cleaner is difficult to push or won't move forward	1. Carpet height setting is incorrect.	1. Set carpet height adjust lever to appropriate setting for carpet being cleaned - Pg. 6.
Powered Hand Tool Brush Roll won't turn	1. Too much pressure being applied to tool.	1. Continue using tool applying light pressure.
	2. Blockage in turbine channel.	2. Remove blockage - Pg. 16.
	3. Broken or worn belt.	3. Replace belt - Pg. 13.
	4. Low cleaner suction.	4. Check items under "Cleaner won't pick or low suction."
Smoky/burning smell detected	1. Belt broken or stretched.	1. Replace agitator brush roll belt - Pg. 12.

Clearing Blockages

Disconnect cleaner from electrical outlet.

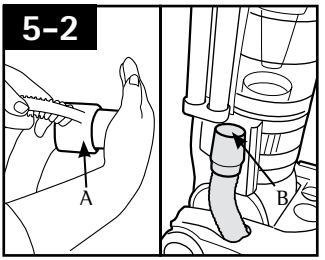
Low suction or pick up may be due to a blockage in the system. Refer to the following steps to check for blockages continuing with each step until the blockage is found:

Fullness of Dirt Cup



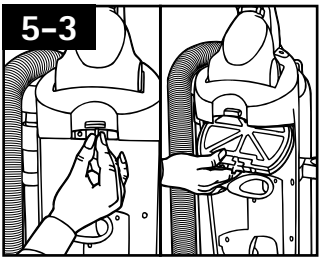
Check fullness of dirt cup; empty if needed

Check Airflow Path



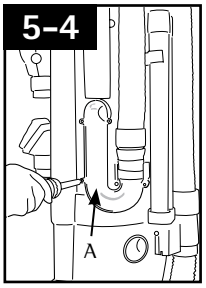
Plug cleaner in and turn ON. Check for suction at end of hose (A). If there is suction turn cleaner OFF and unplug. Check connection at hose tube (B); remove any blockage.

Check Secondary Filter



Remove and clean secondary filter (Fig. 4-8, p. 10). Replace filter.

Check Hose Inlet Tube



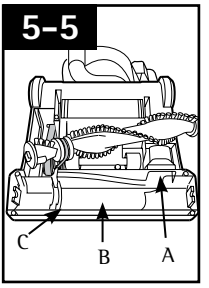
Turn cleaner OFF and unplug.

If blockage can be seen in tube (A), remove 5 screws using a Phillips screwdriver.

Pull tube from cleaner, remove blockage.

Reposition tube on back of cleaner, replace 5 screws.

Checking Under Bottom Plate



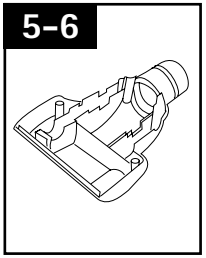
Turn cleaner OFF and unplug.

Remove bottom plate (Fig. 4-13) and agitator brush roll (Fig. 4-20).

Look into opening (A), in channels (B) and around liner (C) and remove any accumulated debris.

Replace agitator brush roll and bottom plate.

Blockage in Powered Hand Tool



Disconnect powered hand tool from hose. Remove bottom plate, belt guard and turbine as described in Figs. 4-24, 4-25 and 4-31.

Remove any blockage from turbine channel.

Replace belt turbine, brush roll, belt guard and bottom plate.

Parts and Accessories
MAIL ORDER FORM

Detach this section and mail to:

The Hoover Company

7005 Cochran Road • Glenwillow, Ohio • 44139

Attn: Sales & Service Center

Item Description	Part No.	Qty/ Pk.	Price/Pk.	Qty.	Total
HEPA Final Filter	*93002360*	*1*	*$ 8.99*		
Secondary filter cartridge	*93002517*	*1*	*$ 6.99*		
Foam filter (secondary filter)	*93002518*	*2*	*$ 3.99*		
Headlight	*27313-107*	*1*	*$ 2.49*		
Flat Belt	*40201-271*	*2*	*$ 3.99*		
V-Belt	*40201-200*	*2*	*$ 4.99*		
				TOTAL MERCHANDISE	$
				APPLICABLE STATE TAX +	$
				SHIPPING & HANLDING +	$ 7.50
				TOTAL COST	$

Parts and Accessories

RETAIN THIS SECTION FOR YOUR RECORDS

Item Description	Part No.	Qty/Pk.	Price/Pk.	Qty.	Total
HEPA Final Filter	*93002360*	*1*	*$ 8.99*		
Secondary filter cartridge	*93002517*	*1*	*$ 6.99*		
Foam filter (secondary filter)	*93002518*	*2*	*$ 3.99*		
Headlight	*27313-107*	*1*	*$ 2.49*		
Flat Belt	*40201-271*	*2*	*$ 3.99*		
V-Belt	*40201-200*	*2*	*$ 4.99*		
				TOTAL MERCHANDISE	$
				APPLICABLE STATE TAX +	$
				SHIPPING & HANLDING +	$ 7.50
				TOTAL COST	$

Order Date_____ Received Date_____

. . . . . ✂

Ship to: (please print clearly)

Name _____

Street _____City_____State_____ Zip _____

Payment Method:

❑ Check or Money Order made payable to: The Hoover Company

❑ Visa ❑ Mastercard ❑ Discover

Number_____ Exp. Date _____

Name on Card _____ Day Phone ( ) _____

Signature (req.) _____

Replacement parts and accessory items may be purchased from your Authorized Hoover Dealer, Leading Retailers, Hoover Sales & Service Centers, on-line at www.hoover.com, or by completing this order form.

Mail orders limited to U.S. residents only. In Canada, please call 1-800-263-6376 OR on-line at hoover.ca

Please allow 3-4 weeks for delivery.