Review this manual before operating the cleaner.

Lire attentivement ces instructions avant d’utiliser l’appareil.
Important Safeguards!

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 operate cleaner in bare feet or when wearing open toe shoes or sandals.
- 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.
- Avoid picking up hard, sharp objects with the cleaner. They may damage the cleaner.
- Always turn off this appliance before connecting or disconnecting hose.
- Do not use without dirt cup or filters in place. Empty cup and clean filters 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.
- 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.
- 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.
- Hold onto the plug while cord is being rewound to prevent cord from whipping.
- 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).
- Use vacuum cleaner only for its intended use as described in the instructions. Use only attachments recommended by Hoover; others may cause hazards.

**WARNING:** This product contains chemicals known to the State of California to cause cancer. **Wash hands after handling.**

Save these instructions!
If you need any assistance:
Visit our website at hoover.com. Click on the “Service” button 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.

**Assembling cleaner**

**Carton contents**

A. Handle section and screw (taped to handle)
B. Cleaner body
C. Cleaning tools
D. Hose

Remove all parts from carton and identify each item shown. Make sure all parts are located before disposing of packing materials.

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**Attach handle**

Slide handle section (A) onto back of handle.

---

**Position tools**

The holder (B) for the powered hand tool snaps onto the tabs on the front of the handle. Be sure the holder is properly positioned as shown in the drawing.

---

**Position hose**

Align end of hose with projections over slots in dirt duct on back of cleaner. Twist to lock in place. The hose connector allows the hose to swivel.
2. How to use

Cleaner description

1. Handle grip
2. Powered hand tool
3. Dirt cup release button
4. Carrying handle/Dirt cup handle
5. Air flow indicator
6. Dirt cup assembly
7. Long lasting HEPA filter
8. Headlight
9. Nozzle control knob: turn knob to correct setting for height of carpet being cleaned.
10. Furniture nozzle: helps prevent cleaner from marking furniture.
11. Cord reel
12. Cord rewind button: press button to rewind cord for storage. Hold plug until cord is rewound.
13. Cord hook
14. Hose
15. Hose holder
16. Combination tool
17. Crevice wand
18. Hose handle
19. ON/OFF pedal
20. Handle release pedal: step on pedal to lower handle to operating or low positions.

Operate cleaner only at voltage specified on data plate on back of cleaner.

This cleaner is intended for household use.

Polarized plug
To reduce the risk of electric shock, this appliance 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.

ON-OFF pedal
Grasp end of plug (A) and pull to desired cord length. Plug cord into electrical outlet. To turn cleaner ON, step on ON/OFF pedal (B) once. To turn cleaner OFF, step on pedal again.

Cord rewind
Grasp the end of the plug and pull to release cord from cord reel. After desired cord length is reached, the cord will lock into position. To return cord for storage, hold plug and press on button (C) at top of cord reel. To prevent cord from whipping, hold plug until cord is rewound.
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.

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. CAUTION: The agitator continues to rotate while cleaner handle is in upright position. Avoid tipping cleaner or setting it on furniture, fringed area rugs or carpeted stairs during tool use.

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.

Transporting cleaner
To move your cleaner from room to room, put handle in upright position, tilt cleaner back on rear wheels and push forward.

Carrying cleaner
The cleaner can also be moved by using the carrying handle, located on the top of the dirt cup.

Handle positions
The handle of your cleaner has three positions; upright for storage and when using cleaning tools; operating position for general operation on carpet and floors; low for reaching under low furniture. Step on handle release pedal to lower handle.

Carpet height adjustment
The cleaning of carpet and rugs takes place at the nozzle (A). When it is necessary to raise and lower the nozzle for various carpet pile heights, place handle in upright position and turn the nozzle control knob (B) to the desired setting. The nozzle will not move into the adjusted position until the cleaner handle is lowered to the operating position.

Settings
For maximum cleaning performance, the following carpet height settings are recommended:
- Lowest setting: for all types of carpet and hard surface flooring.
- Higher settings: for very deep pile carpet, where easier pushing effort is desired, while maintaining good cleaning performance.

Cleaning lightweight flexible rugs
Stand on one end of rug and move cleaner toward other end or edge. Before reaching edge, push down on handle. This will lift up the nozzle (front of cleaner) as shown and will prevent rug from clinging to cleaner. Continue to lift up nozzle so that when you have reached the edge, it is completely off the rug. Move cleaner back to start again, lower nozzle, and use only forward strokes.

Stair cleaning
Use the hose and power hand tool for stair cleaning. Clean from bottom to top.
When using cleaning tools, the agitator will continue to rotate. CAUTION: To avoid personal injury or unnecessary wear to carpet, and to prevent the cleaner from falling, always place it at bottom of stairs.
3. Maintenance

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

3-1

Air flow indicator

The indicator (A) will show red when the dirt cup is full or there is a blockage or clog in the system. **Turn cleaner OFF and unplug.** Check the dirt cup and empty if necessary. Turn cleaner back on. If the indicator still shows red, follow the instructions under “Clearing blockages”.

3-2

Dirt cup

When to empty

It is recommended that the dirt cup be emptied before the dirt reaches the fill line (A), or after every use if preferred.

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

**Continued → 7**
How to empty
Disconnect cleaner from electrical outlet. Do not use the cleaner without dirt cup or filters in place.
Press dirt cup release button (B) and pivot cup out.

Cleaning filters
Lifetime HEPA filter
If you wish to clean this filter, it may be removed and cleaned.

Dirt cup 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. 3-3.
Twist dirt cup lid (A) counterclockwise until arrows on lid and dirt cup align. Remove lid with filter cartridge from dirt cup.
Tap filter against side of trash container to remove dirt or brush with the cleaner's combination tool. Return pleated filter to inside the filter cartridge.

Replace the filter assembly in the dirt cup lid, aligning arrows and twisting clockwise to lock into position. Replace dirt cup lid onto dirt cup by aligning arrows on lid and dirt cup and twisting clockwise. Replace dirt cup as described in Fig. 3-5.

What to buy
This cleaner uses a 13 volt, T-3 114 wedge base bulb, Hoover part No. 27313-107.

Replacing the filter assembly in the dirt cup lid, aligning arrows and twisting clockwise to lock into position. Replace dirt cup lid onto dirt cup by aligning arrows on lid and dirt cup and twisting clockwise. Replace dirt cup as described in Fig. 3-5.

Belt replacement
The belt on your Hoover cleaner causes the agitator to rotate and is important for the effective operation of the cleaner. The belt is located under the bottom plate of the cleaner and should be checked from time to time to be sure it is in good condition.

When to replace
To check belt, remove bottom plate as shown in Fig. 3-16. Replace belt if it is stretched, cut or broken.

What to buy
To assure effective operation, use only genuine HOOVER belts with your cleaner. When purchasing a new belt, ask for HOOVER part No. 38528-040 (belt package part No. 40201-190).

Installing bulb
Pull old bulb straight out of socket. Push new bulb straight into socket until locked in place. Excessive force is not required.

Reposition lens and secure with the screws.

Installing new belt
With lettering on outside of belt, and positioned as shown, slide new belt over motor pulley (D).

Installing new belt
With lettering on outside of belt, and positioned as shown, slide new belt over motor pulley (D).

Continued →
3-23

Powered hand tool

Agitator brush roll replacement
When agitator brushes are worn, the brush roll should be replaced. Ask for HOOVER part No. 48414-088.

How to replace
1. Remove tool from hose and turn it so bottom faces up. Using a Phillips screwdriver, remove the (2) screws on either side of tool and remove bottom plate (A).

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.

3-22

Move edge of a card across bottom plate while turning agitator. To maintain cleaning effectiveness, replace agitator if brushes do not touch card.

3-19

Replacing agitator brush roll
Insert agitator through belt and place belt in belt guide (E) on agitator. Should the agitator shield (F) become dislodged while replacing the belt or the agitator, reposition it as shown noting the placement of its belt guide (G).

3-20

Securing agitator
Grasp agitator firmly and fit it into position by first sliding end opposite the belt into the rectangular slot (H) on side of cleaner. Pull other side of agitator (I) into place.

3-21

Replacing bottom plate
Reposition bottom plate and 5 Phillips head screws. Tighten screws securely.

The agitator brush roll

When to replace
When agitator brushes are worn, the agitator should be replaced.
To check condition of brushes, disconnect cleaner from electrical outlet.

What to buy
When purchasing a new agitator, ask for HOOVER part No. 48414-113.

How to replace
Disconnect cleaner from electrical outlet.
Remove bottom plate, belt and agitator following directions in “The belt” section beginning with Fig. 3-16.
Discard old agitator.
Continue following the directions in “The belt” section to reposition belt, new agitator and bottom plate.

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).

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 filters for dirt accumulation.
3. Refer to “Clearing blockages” section.
2. Remove agitator (B) and discard.
3. Inspect belt to ensure that it is in good condition. If belt is cracked, gouged or broken, replace it (see following section).
4. Insert brush roll through belt and position belt over gear teeth (C) on brush roll.

6. With curved ends down (arrows pointing up), slide end plates (D) of brush roll into slots (E) on tool. Turn agitator to make sure it rotates freely.

7. To replace bottom plate (A), insert the four tabs on edge of bottom plate into slots on front of tool. Pivot bottom plate down to close. Replace (2) screws on either side of tool.

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**Powered hand tool**

**Belt replacement**

**Inspect the belt**

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.

**Replace belt**

When replacing belt, ask for HOOVER part No. 38528-037.

1. **Remove tool from hose.** Remove bottom plate and brush roll as described in Figs. 3-23 and 3-24.
2. Grasp turbine (F) and pull to remove.
3. Remove belt from turbine pulley (G). Replace with new belt.
4. Press turbine retainers (H) into grooves (I) on tool housing.
5. Replace brush roll and bottom plate as described in Figs. 3-24 through 3-26.

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**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 list of Sales and Service Centers provided with this cleaner 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 North Canton, 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, contact Hoover Canada, Burlington, Ontario L7R 4A8, Phone: 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.)
4. If you have a problem

If a minor problem occurs, it usually can be solved quite easily when the cause is found by using the checklist below.

**Problem: Cleaner won’t run**

**Possible Cause**
- Not firmly plugged in
- Plug unit in firmly
- No voltage in wall receptacle
- Check fuse or breaker
- Blown fuse or tripped breaker
- Replace fuse or reset breaker
- Thermal protector activated
- Unplug cleaner and allow cleaner to cool for 30 minutes (this will reset the thermal protector)

**Possible Solution**
- Replace fuse or breaker
- Check connection at hose tube (C); if needed.
- Disconnect cleaner from electrical outlet.

**Problem: Cleaner/tools won’t pick up**

**Possible Cause**
- Broken or worn belt
- Replace belt
- Agitator brush roll worn
- Replace brush roll
- Dirt cup full
- Empty dirt cup
- Filters dirty
- Clean filters
- Incorrect carpet height setting
- Move nozzle control knob to lower setting
- Blockage in air flow passages
- Clear blockage

**Possible Solution**
- Move carpet height control to a lower setting.
- Turn cleaner OFF and unplug. Check connection at hose tube (C); remove any blockage.

**Problem: Cleaner hard to push**

**Possible Cause**
- Incorrect carpet height setting
- Move carpet height control to a higher setting

**Possible Solution**
- Move nozzle control knob to lower setting

**Problem: Smoky/burning smell detected**

**Possible Cause**
- Belt broken or stretched
- Replace agitator brush roll belt as described in Figs. 3-16 through 3-21 in the Maintenance section

**Possible Solution**
- Replace agitator shield (see Fig. 3-18) and remove any loose debris which may have accumulated under it.

**Problem: Powered hand tool brush roll won’t turn**

**Possible Cause**
- Too much pressure being applied to tool
- Continue using tool applying light pressure.
- Blockage in turbine channel
- Remove blockage.
- Broken or worn belt
- Replace belt
- Low cleaner suction
- Check items under “Cleaner won’t pick up”.

4. 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:

1. Check fullness of dirt cup; empty if needed.

**Check items under “Cleaner won’t pick up.”**

2. Plug cleaner in and turn ON.

Check for suction at end of hose (A).

If there is suction, continue with step 3.

If there is no suction, check for blockage in hose and dirt tube as follows:

**Problem: Powered hand tool use:**

11. Disconnect powered hand tool from hose. Check tool connector opening (E) for blockage and remove. Remove bottom plate and turbine as described in Figs. 3-21 and 3-26. Remove any blockage from turbine channel (F). Replace belt, turbine, brush roll, and bottom plate.

**Full One Year Warranty (Domestic Use)**

Your HOOVER® appliance is warranted in normal household use, in accordance with the Owner's Manual against original defects in material and workmanship for a period of one full year from date of purchase. This warranty applies when the appliance is purchased in the United States including its territories and possessions, or in Canada or from a U. S. Military Exchange. Appliances purchased elsewhere are covered by a limited one year warranty which covers the cost of parts only. This warranty does not apply if the appliance is used in a commercial or rental application.

This warranty only applies when the product is in use in the country or territory in which it is purchased.

Warranty service can only be obtained by presenting the appliance to one of the following authorized warranty service outlets. Proof of purchase will be required before service is rendered.

1. Hoover Sales and Service Centers.
2. Hoover Authorized Warranty Service Dealers (Depots).

For an automated referral of authorized service outlets in the U.S.A., phone 1-800-944-9200 OR visit Hoover on-line at hoover.com

This warranty does not cover pick up, delivery, or house calls; however, if you mail your appliance to a Hoover Sales and Service Center for warranty service, transportation will be paid one way.

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

If further assistance is needed, or if there are questions concerning this warranty or the availability of warranty service outlets, phone the Hoover Consumer Response Center, 1-330-499-9499.

In Canada, contact Hoover Canada, Burlington, Ontario L7R 4A8, 1-800-263-6376.