

Reliant[®] Safety & Maintenance Instructions

Save these instructions.
Read all instructions before using this machine.

Reliant[®]

Safety Instructions

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

Warning—to reduce the risk of fire, electric shock, or injury:

1. Do not leave machine when plugged in. Unplug from outlet when not in use and before servicing.
2. Do not use outdoors or on wet surfaces.
3. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
4. Use only as described in manufacturer's Instruction Manual. Use only manufacturer's recommended attachments.
5. Inspect cord for damage before each use. Do not use with damaged cord or plug. If machine is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to the manufacturer or authorized repair center.
6. 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 machine over cord. Keep cord away from heated surfaces.
7. Do not unplug by pulling on cord. To unplug, grasp the plug not the cord.
8. Do not handle plug or machine with wet hands.
9. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
10. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
11. Turn off all controls before unplugging.
12. Use extra care when cleaning on stairs.
13. Connect to a properly grounded outlet only. See *Grounding Instructions*.
14. This machine is to be used with HOST[®] carpet cleaning products only. Use of other cleaning products may damage this machine.

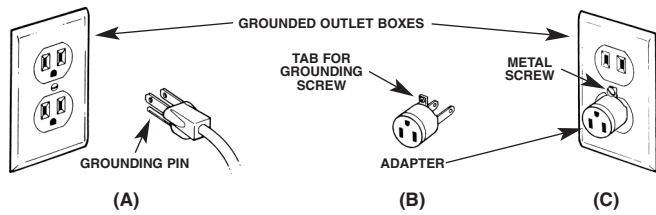


Grounding Instructions

This machine must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This machine is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING: Improper connection of the equipment-grounding conductor can result in the risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the machine. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

This machine is for use on a nominal 120 volt circuit, and has a grounded plug that looks like the plug illustrated in **Diagram A**. A temporary adapter that looks like the adapter illustrated in **Diagram B** may be used to connect this plug to a 2-pole receptacle as shown in **Diagram C** if a properly grounded outlet



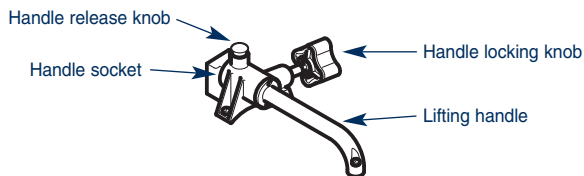
is not available. The temporary adapter should be used only until a properly grounded outlet can be installed by a qualified electrician. The green colored rigid ear, lug, or the like extending from the adapter as illustrated in **Diagram B**, must be connected to a permanent ground outlet box cover. Whenever the adapter is used, it must be held in place by a metal screw as shown in **Diagram C**.

Note: In Canada, the use of a temporary adapter is not permitted by the Canadian Electrical Code.

Machine Assembly

Handle Assembly

1. Lift and turn the handle release knob on top of the lifting handle 1/4 turn.



2. With the operating handle parallel to the floor, insert the handle into the handle socket. Unscrew handle locking knob completely.
3. Turn the handle release knob until it drops into place. You'll hear a click when it does. If the knob does **not** click into place, push on handle shaft to insert fully.
4. Rotate operating handle to upright position. Tighten handle locking knob completely for stationary use. To use the operating handle free swinging, do not tighten locking knob.
5. Install the power cord by pressing the cord end fully into the power cord receptacle on machine base.

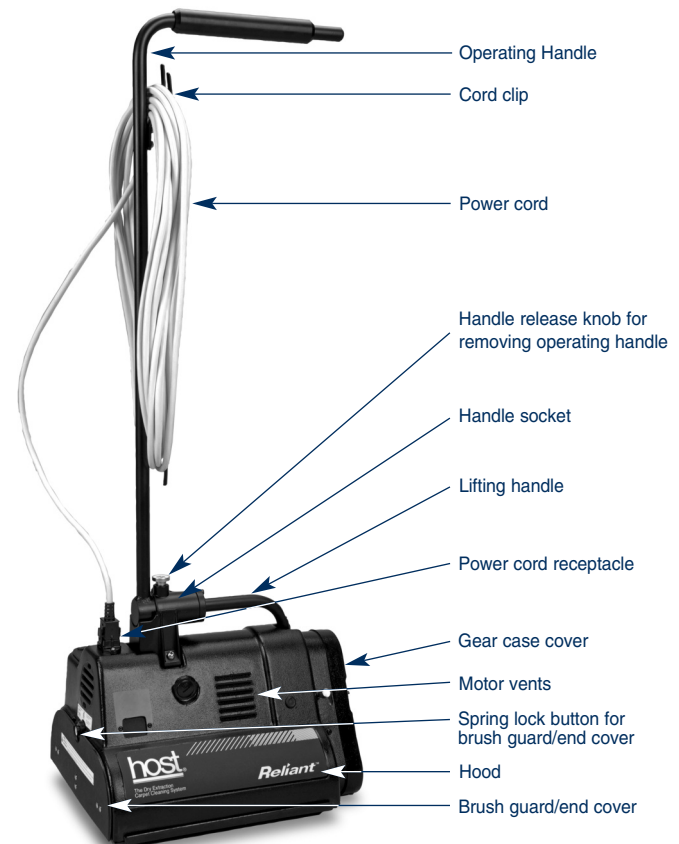
Removing the Handle From the Reliant

1. Unwind the power cord from the handle. Press in the clips on the cord end and pull up to unplug cord from power cord receptacle.
2. Unscrew handle locking knob completely. Lower the handle to a 90° angle (parallel to the floor).
5. Lift and turn the handle release knob on top of the lifting handle 1/4 turn.
6. Slide the handle straight out to the side.

Breaking in New Brushes

Standard (white) and firm (zebra) brushes need to be broken in before using for the first time.

1. Remove the Reliant from the caddy.
2. Place the Reliant on a **smooth concrete surface** and run for 15 minutes.



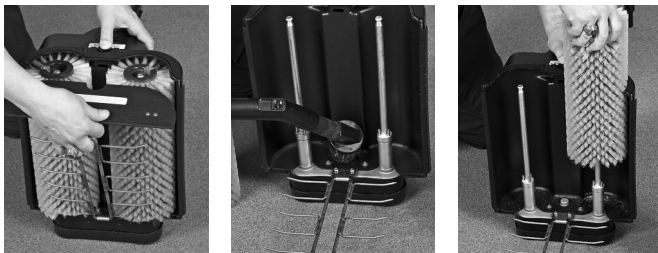
Machine Maintenance

Follow these guidelines for routine maintenance on your Reliant to obtain optimal performance of both the HOST equipment and cleaning system.

Cleaning & Rotating Brushes

Clean and rotate the brushes each time you clean the Reliant. The brush bristles acquire a “set” in the direction they revolve unless switched regularly.

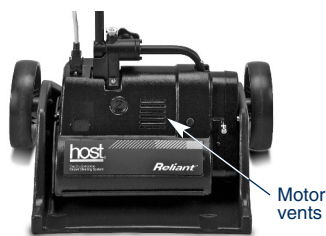
1. Unplug Reliant from power.
2. Press spring lock button to release brush guard/end cover.
3. Pull back on clip; lift out brushes.
3. Remove brushes and clean out underside of machine.
4. Switch brushes to opposite drive shafts. Brushes fit down over shaft and engage on 3 pins near bottom of shaft. Be sure brush clip snaps into position.
5. Insert hinged bar of brush guard/end cover into lower slot. Push all the way up, depress lock button and slip brush guard into place.
6. Reliant brushes can also be switched end-to-end if desired. Remove screw holding brush clip in place, reassemble at other end of brush and replace.



Cleaning the Motor Vents

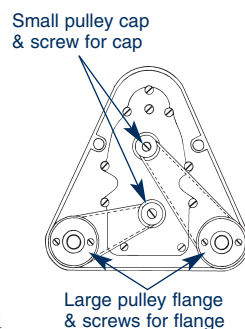
It's important that the motor vents on the hood are kept free of any buildup. **Failure to keep these vents clean could cause the Reliant to overheat.**

Vacuum the motor vents **after each use.**



Replacing Belts

1. Disconnect Reliant from power.
2. Remove gear case cover by removing the 5 screws.
3. Remove the screw in center of small pulley and slide out pulley cap.
4. Remove the 2 screws on large pulley and lift off flange.
5. Cut damaged belt with scissors and remove it.
6. Put new belt on small pulley first and work it onto the large pulley by turning the cleaning brushes by hand.
7. Replace pulley cap, flange, screws and gear case cover.



Troubleshooting

If Reliant Does Not Run

1. Disconnect Reliant from power.
2. Check to see that the power cord is properly secured in the power cord receptacle on the top of machine hood.
3. Check the wall plug and Reliant power cord and plug for breaks.
4. Check that you have not blown a fuse.
5. Plug the Reliant in. If it doesn't run, be sure you have turned the motor switch on. If the switch is on and it still doesn't run, it should be returned to the manufacturer or authorized repair center. Contact your HOST Distributor.

The electrical cord on the Reliant has been designed to give the proper power to the motor through both the gauge and length of the cord. Do not use an extension cord. The grounding plug at the end of the cord should NOT be removed.

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