Performing a Dryer Airflow & Heat Test

To perform this test, you will need a flat-head screwdriver.

1. Open the door.
2. Set the Cycle Selector knob to any OFF-DRY cycle.
3. Set the Dry Time knob to '30' minutes.
4. Push the 'ON/OFF' button IN.
5. Activate the Door Switch by inserting a screwdriver tip about 1/4" into the door hook entry hole. Using the screwdriver, move the black-colored slide mechanism to the right until it stops. HOLD the mechanism in place until the dryer turns on. (Approx. 10 seconds)
6. Place your hand on the Porthole Diaphragm at the 1 o'clock position to feel for heat and airflow. The airflow should be similar to a hand-held hair dryer on LOW and it should start heating up within 20 seconds. IF THERE IS LITTLE TO NO HEAT OR AIRFLOW, refer to the Fan Motor Test, Heater Coil Test and Fuse Links & T-Stats Tests (see Component Testing, pages 43-45).
7. Release the Door Switch by closing the door. It should spring back to the Left.

If you test a model WD802 or WD802M and the AIRFLOW AND HEAT TEST RESULTS ARE NORMAL BUT THE PROBLEM PERSISTS, check the dryer exhaust system for obstructions:

- With the dryer ON and the door closed, check the airflow exiting from the vent located on the outside wall and clear any obstructions.
- Disconnect the flex/metal dryer ducting from the back of the machine. With the dryer ON, check the airflow exiting from the back of the machine and clear any obstructions.

If you test a ventless model WDC1024(M) WDC1025(MCEE) and the AIRFLOW IS WEAK BUT THE AIR IS STILL BEING HEATED:

- Follow the instructions for "Performing Air Duct Maintenance" (see Tech Tips, page 60)

Performing a Pump Failure Test

To perform this test, you will need a wooden dowel, or another non-conductive tool that is approximately 1/2"wide x 24" long.

1. Open the Filter Door by pressing on the left side (see left). You will notice a small gap between the drain filter door and the case of the unit. Shine a flashlight through this opening and **locate the white cooling fins** toward the back of the washer.
2. Advance the Program Selector knob to a SPIN.
3. Press the ON/OFF button (IN).
4. Using the wooden dowel, rotate the cooling fins by pushing the bottom of the fins away from you. This should free up the pump.
   - If the cooling fins spin freely but the unit does not pump out water, you will have to perform the **'Water Pump Test'** in the Component Testing section of this manual.
   - If the pump is seized, it may have an obstruction. Check for an obstruction by removing the Drain Pump (see "Component Access") and removing the 3 or 4 brass-colored screws that secure the white housing to the pump. Remove any obstructions.

Replacing Wire Connections on the Pressure Switch

To perform this test, you will need a a 7mm screw driver, a box knife, a wire crimper, up to 3 new wire connectors.

1. Four 7mm screws secure the main top at the back of the washer-dryer. Remove these screws and lift straight up on the rear of the main top, then slide it forward to remove it.

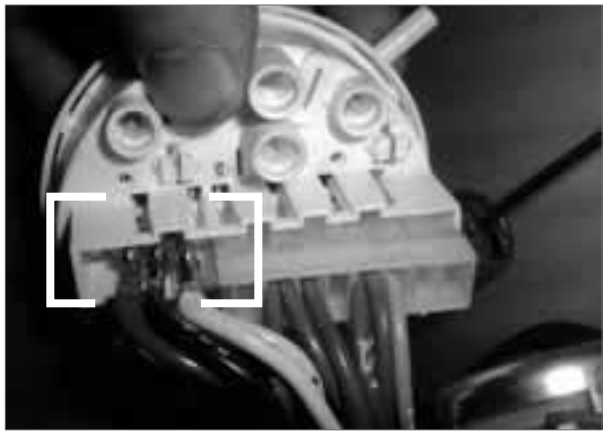
2. Remove the white plug that is connected to the Pressure Switch (see right). Inspect the bottom of the plug for any evidence of heat build-up that could indicate a high resistance connection. If the double-red, black, or double-white wires show any signs of heat, they will need to be removed by cutting them out of the plug and adding new connectors to each of the effected wires.

3. Mark the wires for easy re-installation.

4. Unplug each affected wire. Fore each wire, remove the damaged end and crimp on a new connector.

5. Using a box knife, remove the now blank area of the white plastic plug (see right).

6. Re-connect the intact side of the plug back into the Pressure Swich (see below).

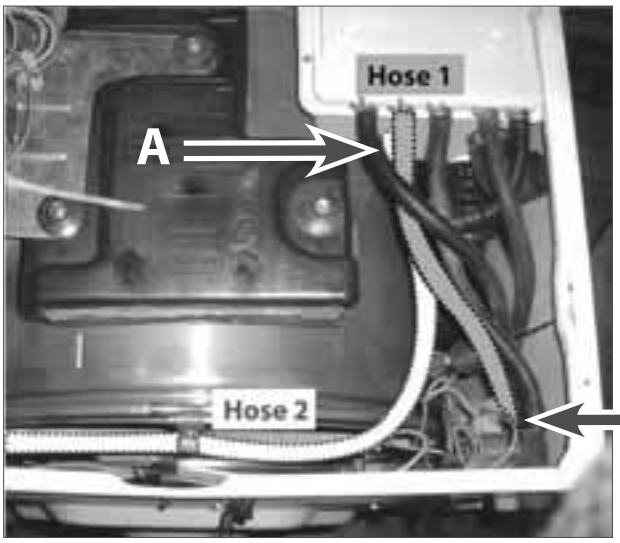


7. Connect the wires with the new connectors directly into the corresponding terminals on the Pressure Switch (see left).

8. Test unit for proper operation (see "Verifying Normal Operation"). Reinstall washer top. *Done*.

Modifying Hoses to Improve Condenser Drying Performance (**WDC1024M and WDC1025MCEE models ONLY**)

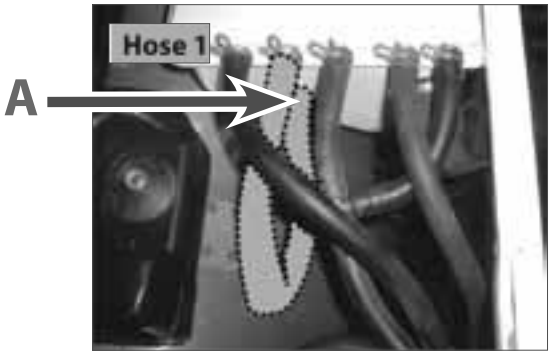
To perform this modification, you will need a 7mm screw driver.



1. Four 7mm screws secure the main top at the back of the washer-dryer. Remove these screws and lift straight up on the rear of the main top to remove it.

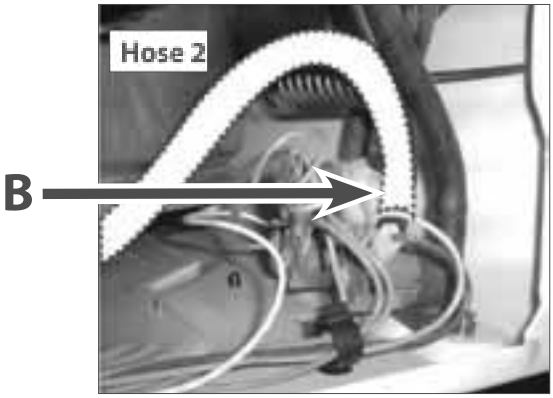
2. Detach hose **1** from point **B** (see left)

3. Detach hose **2** from point **A** (see left)



4. Attach hose **1** to point **A** (see left).

NOTE: This hose may become kinked. This is normal.



5. Attach hose **2** to point **B** (see left).

NOTE: This hose CANNOT be kinked. If needed, twist the hose to make it more rigid.

6. Test unit for proper operation (see "Verifying Normal Operation"). Reinstall washer top. *Done*.

Part No. 100A

Performing Condenser Air Duct Maintenance

(WDC1024M and WDC1025MCEE models ONLY)

To perform this test, you will need a 7mm screwdriver, a drill with a 4" wire wheel, a portable vacuum and Condenser Cleaning Kit (Part No. 100A) or similar. Kit 100A is available from Westland Sales and contains: 1 impeller assembly, 3 gaskets, and 1 flexible brush.

Air Duct's in Condenser Dryers will need routine maintenance to keep airflow at maximum velocity. Fabric Softener or continual oversudsing will build up inside the machine and restrict airflow. The water return port may also become plugged solid. Cleaning intervals of one year or more are normal.

1. Remove the four 7mm screws that secure the washer top and lift straight up on the rear of the top to remove it. With the machine power OFF, remove the air duct mounting bracket from air duct and counter weight. Lift heater duct straight off of seal at rear and pivot whole assembly toward center of machine. Leave the heater duct attached to porthole diaphragm at front (see right).

2. Inspect the Fan. Fins can be bull-nosed shut with lint. Clean them out with compressed air or remove the fan and replace it with a new one.

3. Note the air passageway stamped into the outer drum and the rubber seal in place. Remove and clean (or replace) this seal. **Note the two gaskets on the heater housing assembly (see above-right). When reinstalling the assembly, you must align these two gaskets with the corresponding holes.**

4. Remove fan motor and attached impeller. Clean and inspect heater duct. Using a drill with a 4" wire wheel brush, clean the heater duct thoroughly (see right). A portable vacuum could be handy here as well.

- Make sure the water return port on inside edge is clear so water may travel back into the drum. If the weep hole is not clear and goes unchecked, the unit will not dry properly.

5. This is the heater duct with fan motor and impeller removed (see left). It should look somewhat like this when cleaned and is ready to be reassembled. Clean or replace gasket located on the top edge between fan motor and heater duct.

6. Remove any debris from contour duct in outer drum using a 2" soft bristle brush with water (see right). Be careful not to dislodge water inlet. A portable vacuum cleaner is handy here as well.

- When clean, flush with water to clear any obstruction and restore max. air flow.

7. To remove fan Impeller, first remove brass nut (see left). Turn retaining nut clockwise (left hand threads). To remove impeller pull straight off the motor shaft. Clean or replace impeller.

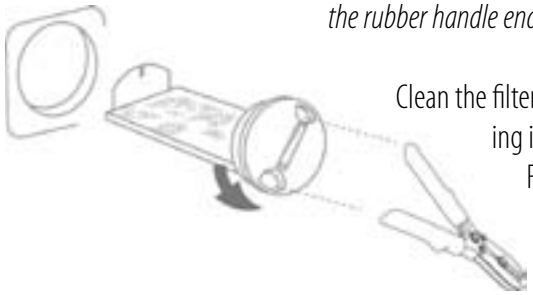
8. Reassemble heater duct to drum. Be sure housing is sealed to drum via cleaned, or new rubber gaskets. **After carefully aligning the gaskets with the holes,** apply downward pressure (see right) as you tighten the two nuts that secure the heater housing bracket to the counterweight. If the gaskets are not seated correctly, the unit will leak.

- Next, run machine through a RINSE cycle to flush any remaining particles into the wash filter. Clean the filter (See "To Clean Out the filter" below). *Done*!

To Clean Out The Filter

First, place a towel beneath the filter area to catch any water that may come out. With the machine empty and OFF, turn the Program Selector Knob to the start of the first spin cycle (see right). Next, Push the power button ON (In). The drum will begin spinning. *NOTE: You'll have 5 minutes to complete this task before the pump begins cycling.*

Open the Filter Door by pressing on the left side (see above-left).
Turn the filter counter-clockwise to release it from its housing. Pull it out. *NOTE: If you have difficulty, the rubber handle ends of pliers or a similar tool can be used to unscrew or tighten the filter (see below).*



Clean the filter under running water to help remove all lint and debris. Replace the filter by sliding it back into it's housing and turning clockwise to tighten securely. Finally, close the Filter Door and press the Power button OFF (Out).

To winterize your washer-dryer:

1. With the machine power OFF, pour ½ quart of RV-type antifreeze into the washer drum
2. Close the door. Advance the Program Selector knob to a SPIN position
3. Press ON/OFF Button (IN). Wait 1-2 minutes
4. Press ON/OFF Button (OUT). Unplug the washer-dryer from the electrical outlet (or disconnect power)
5. Turn the water supply faucets OFF. Disconnect the inlet hoses from the faucets. Drain any remaining water from the hoses. *Finished!*

Optional RV Winterization - If you're currently pumping antifreeze through the fresh water system, follow these steps to winterize:

1. With the machine power OFF, turn the WASH TEMP knob to WARM/WARM
2. Advance the Program Selector knob to REGULAR WASH (Not PreWash)
3. Press the ON/OFF button (IN) and let the machine fill until antifreeze is in the drum
4. Advance Program Selector to a SPIN position. Press ON/OFF Button (IN). Wait 1-2 minutes
5. Press the ON/OFF button (OUT). *Finished!*

To use again, flush the water pipes, then:

1. Reconnect the water inlet hoses to the corresponding HOT/COLD faucets. Turn the faucets ON. (NOTE: Check the water inlet hoses and pump periodically. Refer to the "Use & Care Guide" that came with the machine)
2. Plug the washer-dryer into an appropriate electrical outlet (or reconnect power supply)
3. With the ON/OFF button in the off (OUT) position, pour 1/2 TBSP. of powder detergent (or liquid equiv.) into the 'Detergent' compartment inside the Dispenser Drawer
1. Turn the WASH TEMP knob to WARM/WARM
4. Advance the Program Selector knob to REGULAR WASH
5. Press the ON/OFF button (IN) and allow the machine to run through the complete cycle to clean out any remaining antifreeze. *Finished!*

NOTES:

Verifying Normal Operation

Follow these steps in the order they are listed to test the washer-dryer for normal operation.
We recommend that you ALWAYS perform this test as the last step of your repair. It takes approximately 8 min. to complete.

Introduction

The following instructions explain how to test the washer-dryer to make sure everything's working properly. Keep in mind, this appliance operates differently than some of the previous Splendide models you may be familiar with.

Before beginning this test, remove all items from the drum and close the door.

You Select	Correct Washer-Dryer Response	Components Checked
1. 'Regular' on Cycle knob AND 'Warm/Warm' on Temp knob THEN 'ON/OFF' button (in)	• Hot water will enter dispenser compartment "B" and Cold water will enter compartment "A". Open the Dispenser Drawer to verify. • When the unit is finished filling, the drum will rotate in one direction, pause and then rotate in the opposite direction.	Water Valves Pressure Switch Main Motor Module Board
2. 'ON/OFF' button (out)	• Washer-dryer will power off.	ON/OFF Switch
3. Any 'Spin' on Cycle knob THEN 'ON/OFF' button (in)	• Water will drain from drum. • Drum will ramp up into Spin.	Water Pump
4. 'ON/OFF' button (out)	• Washer-dryer will power off.	
5. Any 'OFF-Dry' on Cycle knob AND ' 20' ' on Dry Time knob THEN 'ON/OFF' button (in)	• Fan motor will start running. • Drum will rotate in one direction, pause and then rotate in the opposite direction. Let it appliance run for approx. 2 min. until the door unlocks. • Finally, open the door and verify that there is heat in the drum.	Fan Motor Heating Element
4. 'ON/OFF' button (out)	• Washer-dryer will power off.	

-- End --