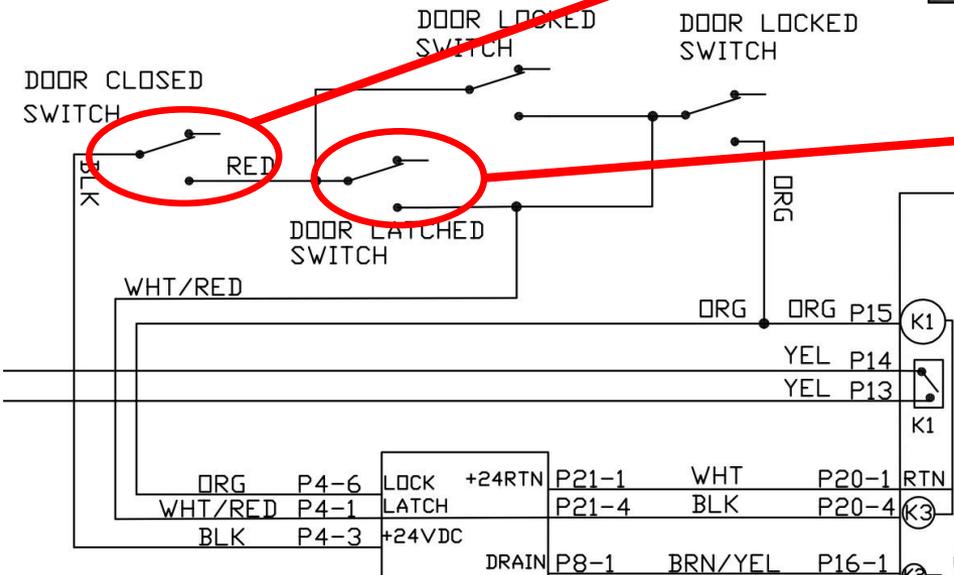
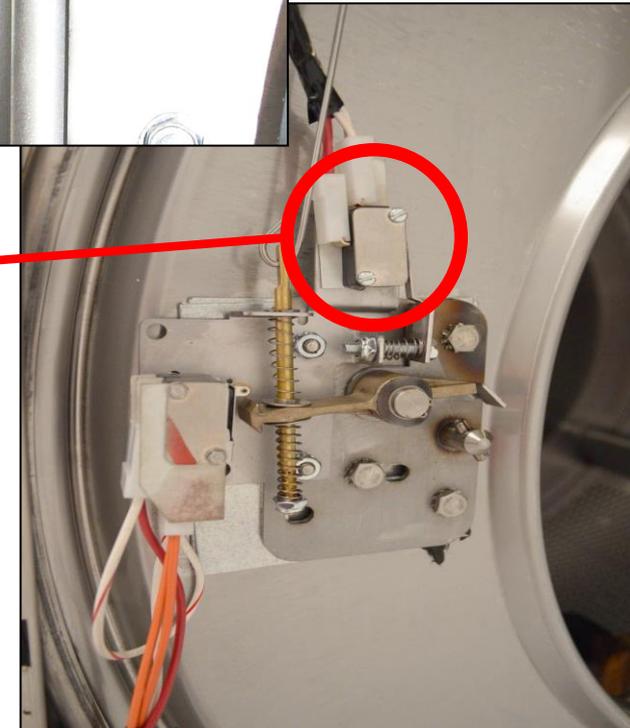


DOOR / CLOSE DOOR

Potential Root Cause: Door Hinge Switch or Latching Switch is not sending the signal back to the control

Diagnosis:

Verify the activation of the DOOR LATCHED and the DOOR CLOSED switches





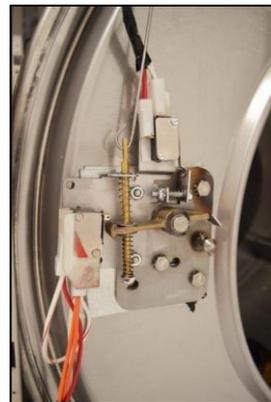
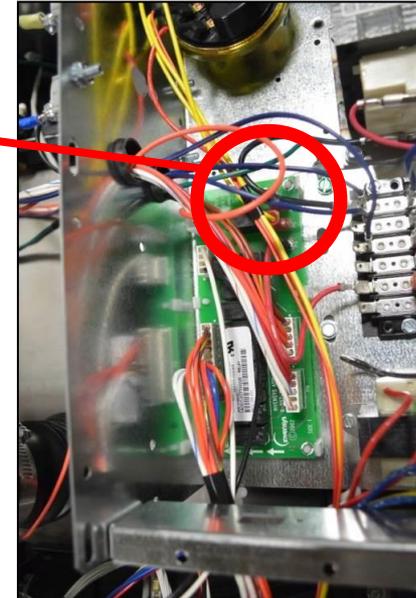
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DOOR / CLOSE DOOR

Potential Root Cause: Door Hinge Switch or Latching Switch is not sending the signal back to the control

Diagnosis:

Closing and latching the door will engage the enable relay on the relay board which proves out that the hinge and latching switch are engaging. You will hear an audible “click”. Using a test meter, you can also test for voltage at the P11 terminal on the relay board when the door is closed. If the switches are working properly, you'll get 120v at the terminal.





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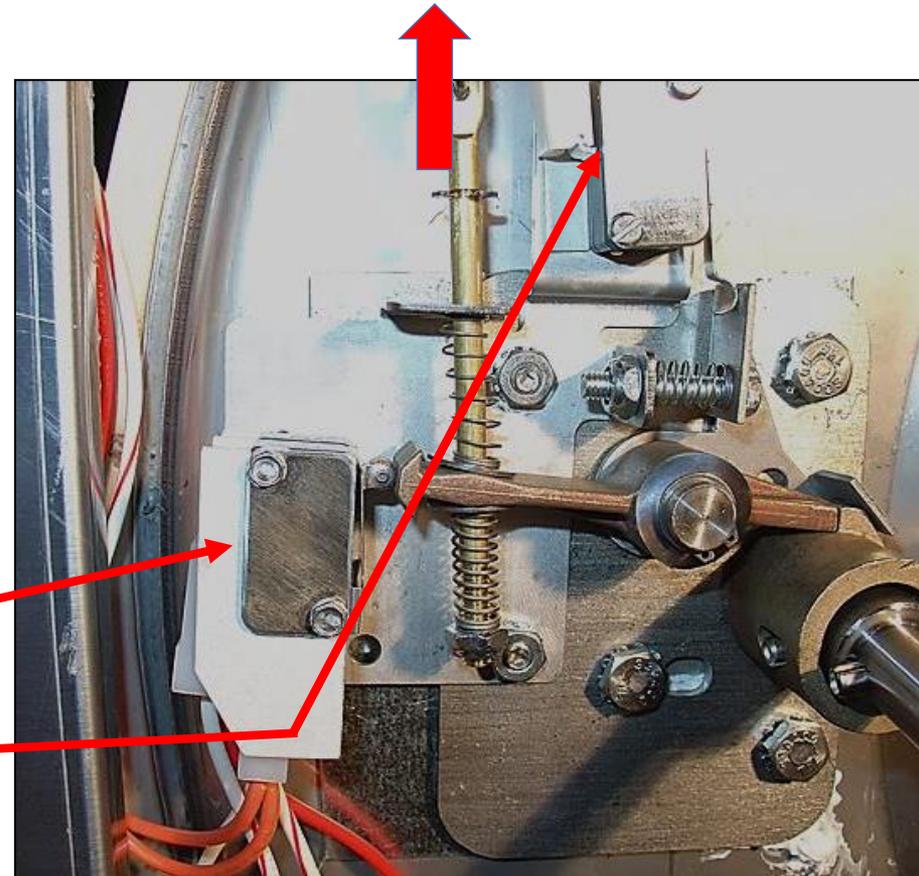
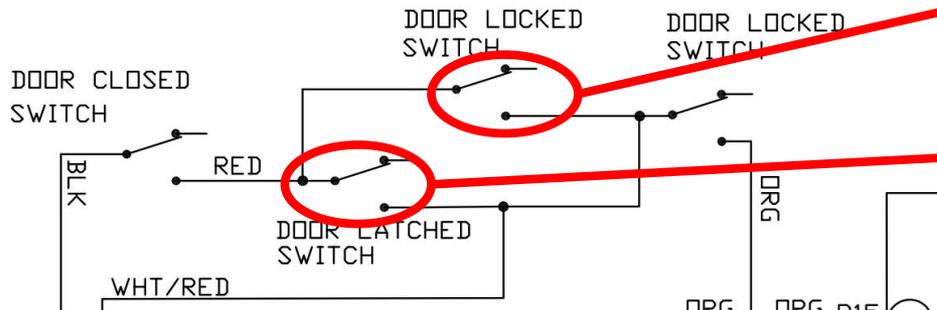
DOOR / CLOSE DOOR

Potential Root Cause: Latching Switch is not making contact

Resolution: Test the latching switch

Adjustment Procedure

1. Close and latch the door, then lift the door lock motor to manually engage the lock and backup latching switch.
2. While holding the door lock, try to press the start button. If the machine continues, you need to adjust the latching switch.
3. If the machine does not continue, you need to test the hinge switch.

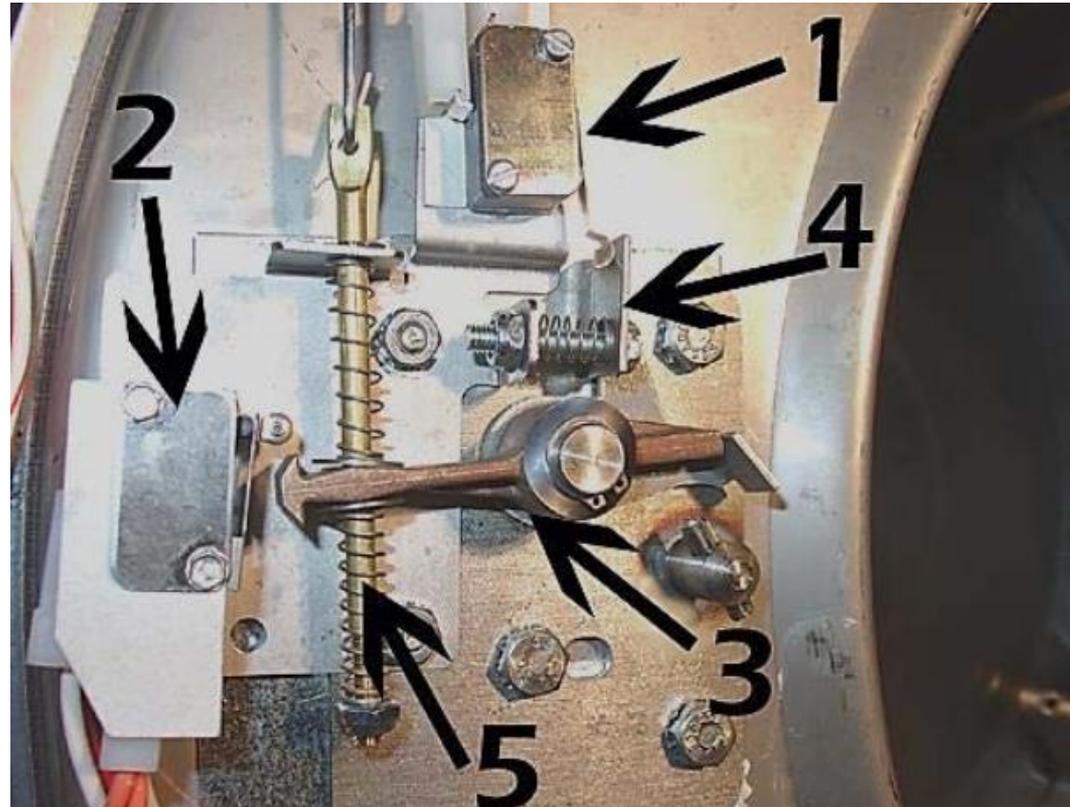




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DOOR LOCK ASSEMBLY COMPONENTS

- 1) Latching switch
- 2) Stacked
- 3) Pawl (Bronze Lever)
- 4) Actuator arm
- 5) Pin to door lock solenoid



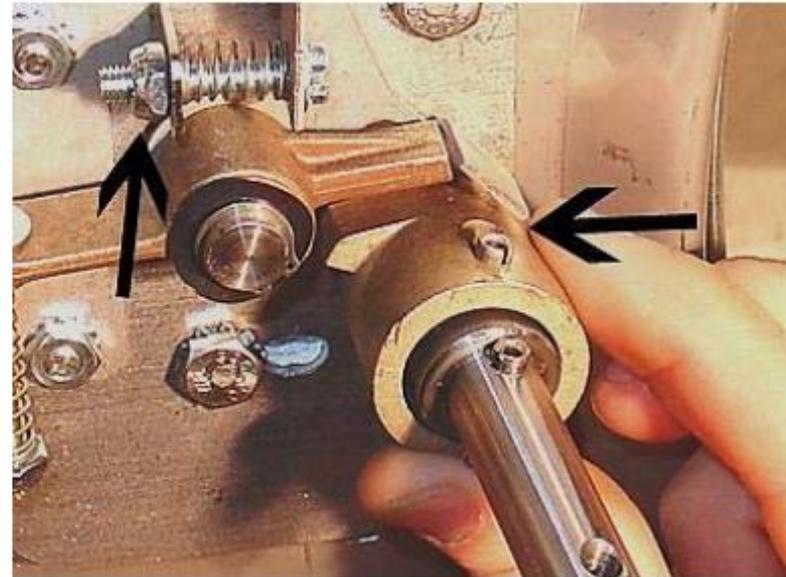


LATCHING SWITCH ADJUSTMENT

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The door cam is what prevents the movement of the door handle

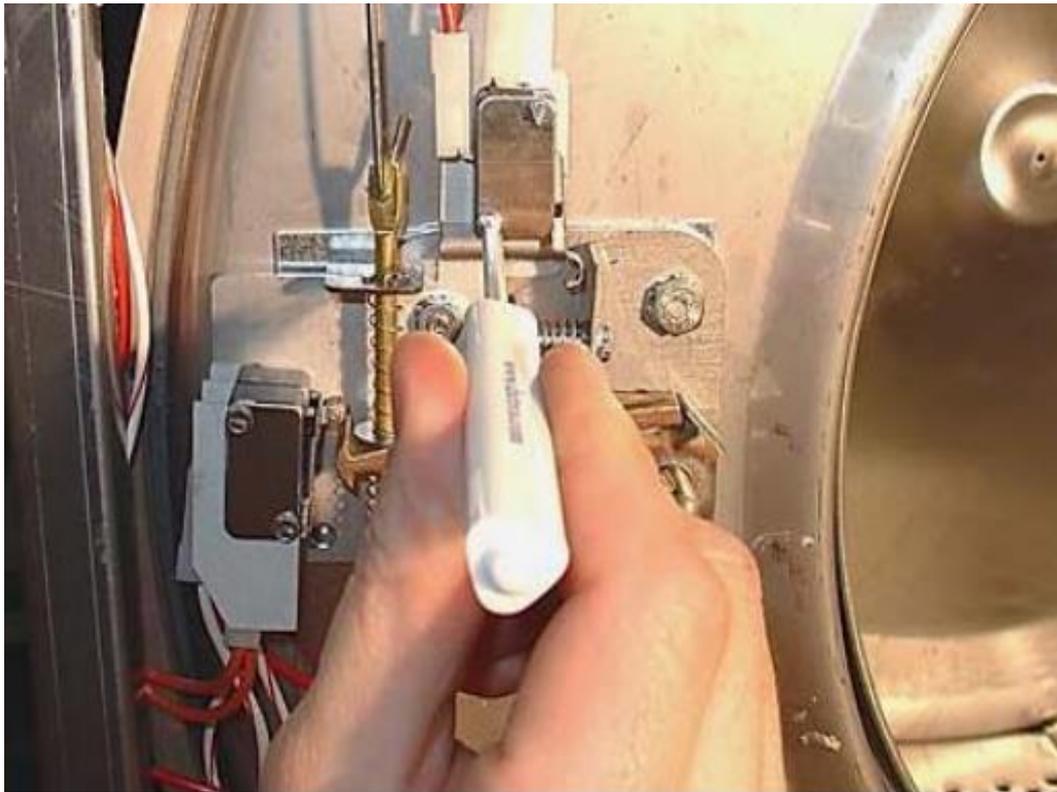
When the door handle is rotated to the 6 o'clock position, the door cam pushes up into the latching switch actuator.





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LATCHING SWITCH ADJUSTMENT



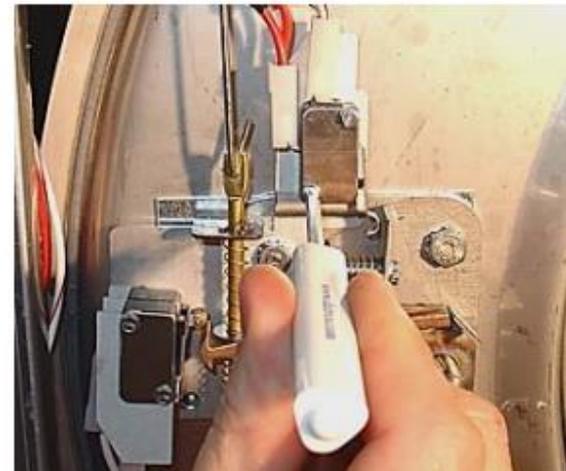
- The latching switch and the stacked lock sensing switches have a slotted mount for easy adjustment.
- Loosen the lower screw of the latching switch. The upper screw may need to be loosened also.





LATCHING SWITCH ADJUSTMENT

- Rotate the latching switch towards the actuator assembly until the switch engages.
- Re-tighten in that position.
- Open and close the latch to check for the switch activation. The locking switch should click when the door handle is about ½ an inch from the full 6 o'clock, locked position.





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PIGGYBACK LOCKING SWITCH ADJUSTMENT

- To adjust the Stacked Lock switches, close and latch the door and then pull up on the door lock pawl.
- Loosen the 3/16 screw on the top of the stacked switches and push the switches to the right until they both activate and “click”.
- Then re-tighten the 3/16 screw again.

