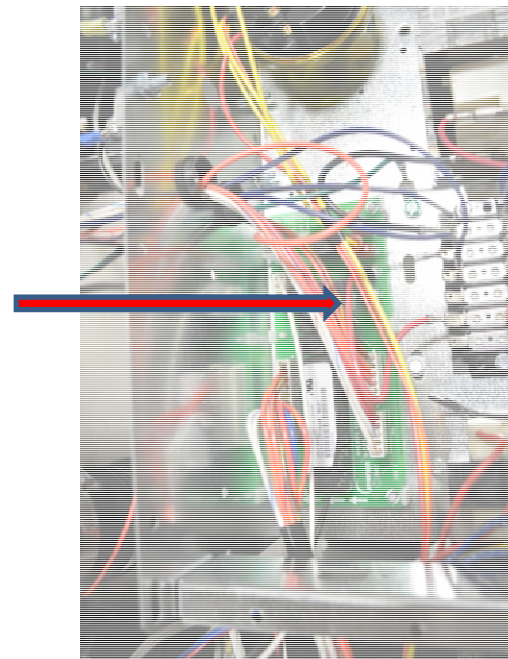
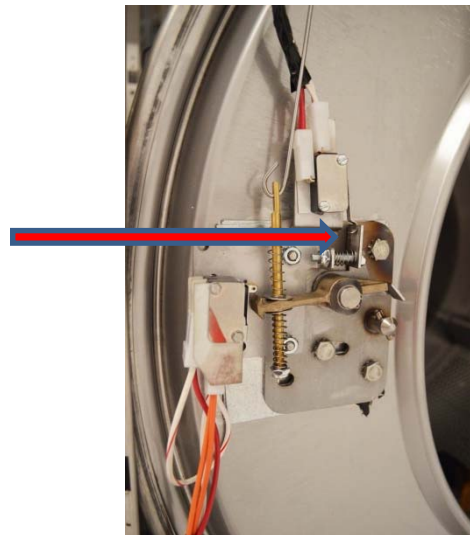
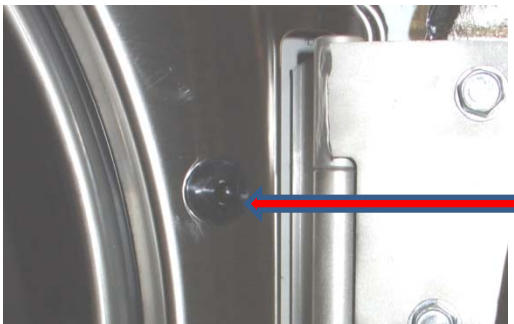


**SYMPTOM: When trying to start the display ready "DOOR" or "CLOSE DOOR"**

# DOOR HINGE AND LATCHING SWITCHES

- Display on Front Control says "Door" – How to resolve
  - **Quick Test #1:** Closing and latching the door will engage the enable relay in the relay board which proves out that the hinge and latching switch are engaging.
    - P11 will also get voltage (WCVD coin blocking)



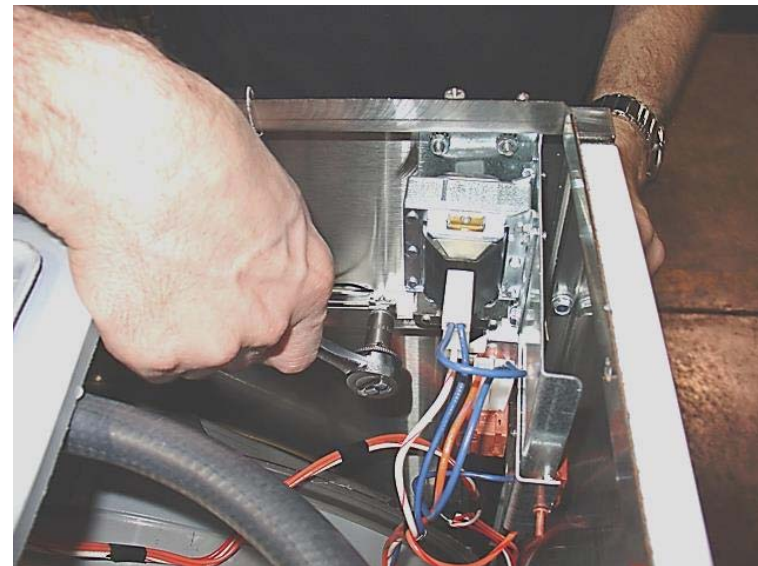
# ADJUST THE S1,S2 DOOR LATCHING SWITCH

## Front Panel Removal

Remove the (2) 5/16 screws inside the top of the front panel which fasten the front panel to the upper front panel (escutcheon).

C series Dexter Washers require the removal of the loading door.

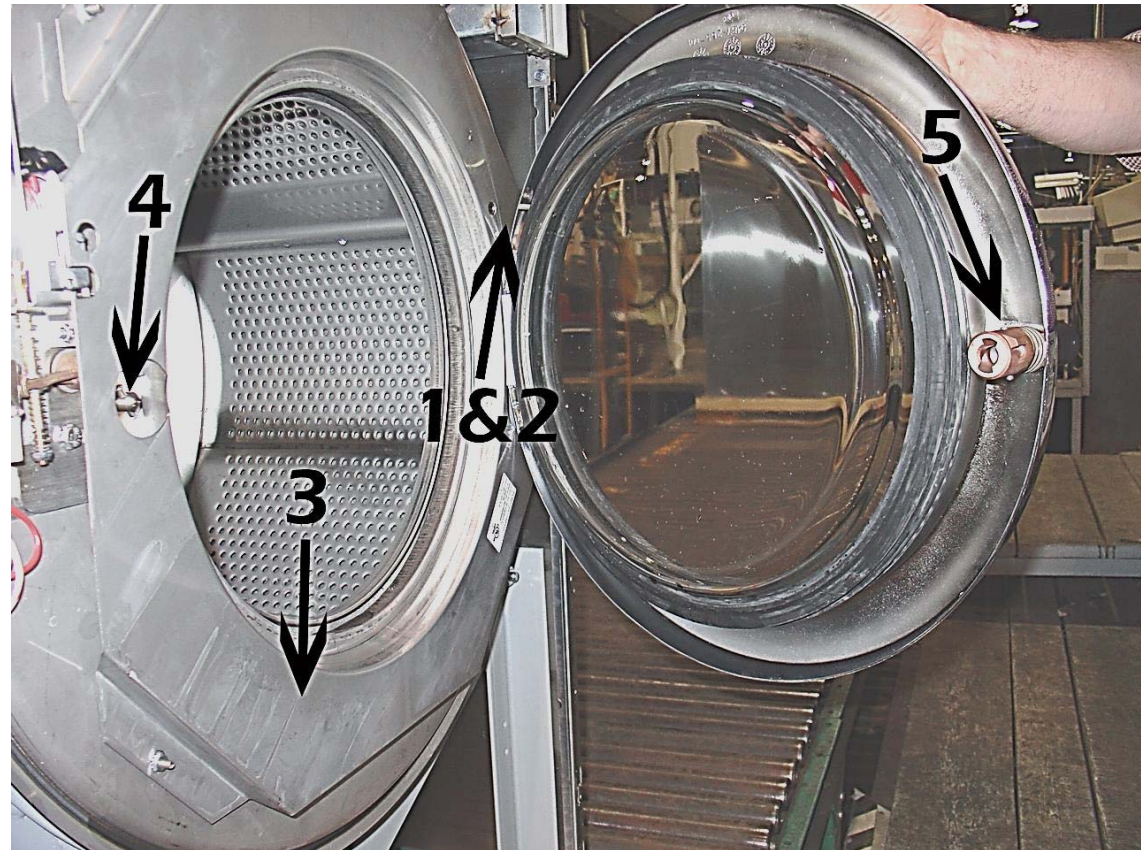
Remove the Phillips head screws on the face of the front panel.  
The front panel of the machine can now be removed.



# ADJUST THE S1,S2 DOOR LATCHING SWITCH

## Door Components

- 1) Door hinge switch
- 2) Hinge switch pin
- 3) Masking ring (A-series)
- 4) Door pin
- 5) Door cam



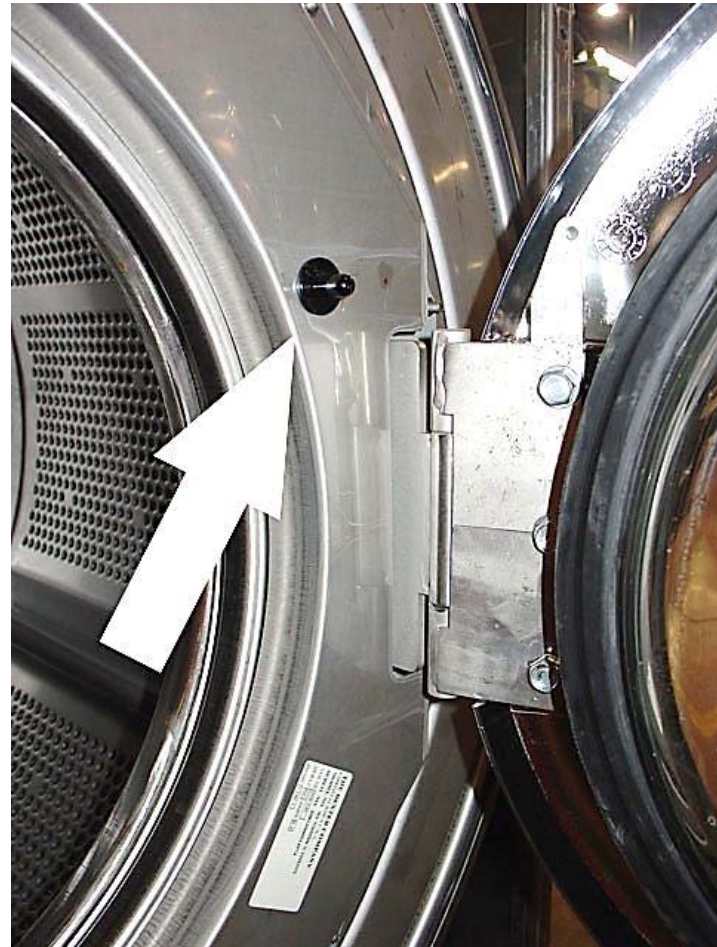
# ADJUST THE S1 DOOR HINGE SWITCH

## Testing

4) Close the door of the machine to check the hinge switch.

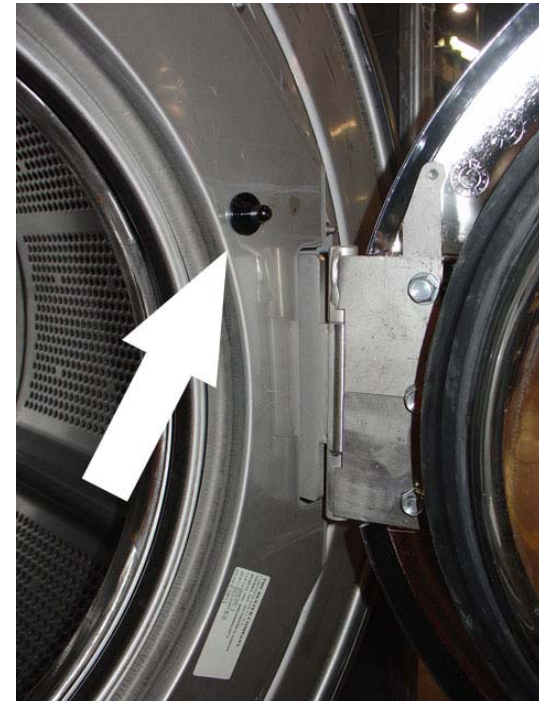
2 to 3 inches before door gasket seats at the tub, the flat point located on the door hinge makes contact with the switch actuator.

The switch can be tested for continuity using a volt meter at the red and black wires connected to the switch.



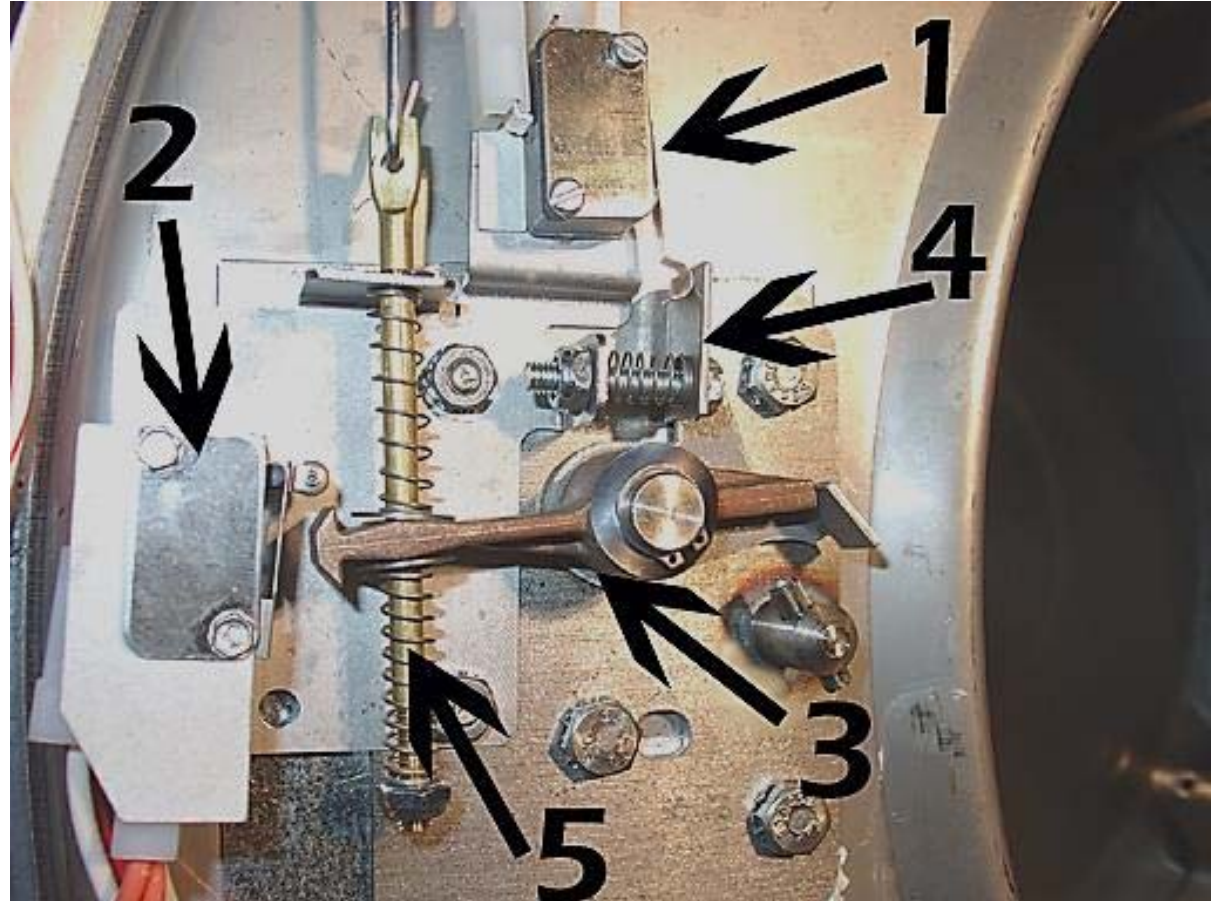
# REMOVE THE MASKING RING (V,A-Series ONLY)

- The door hinge switch is mounted to the back side of the door masking ring. The wire leads to the hinge switch are long enough to place the masking ring on top of the machine.
- The door lock assembly can now be accessed.



# DOOR LOCK ASSEMBLY COMPONENTS

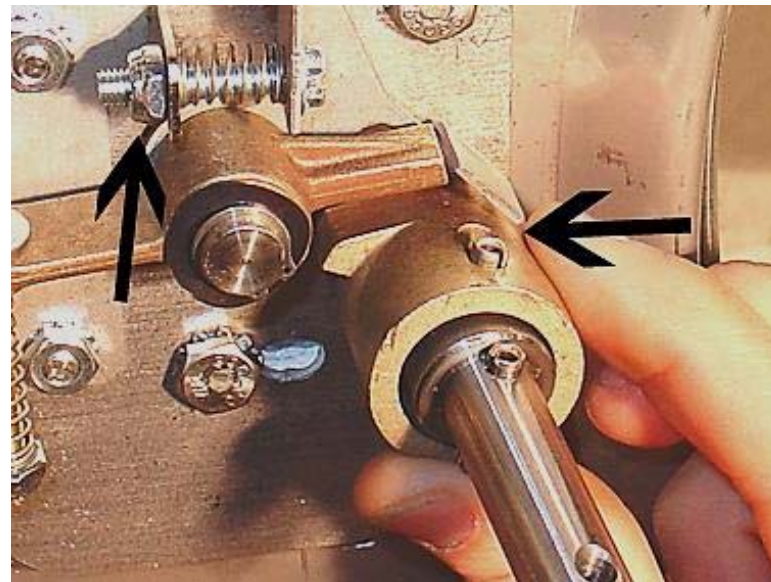
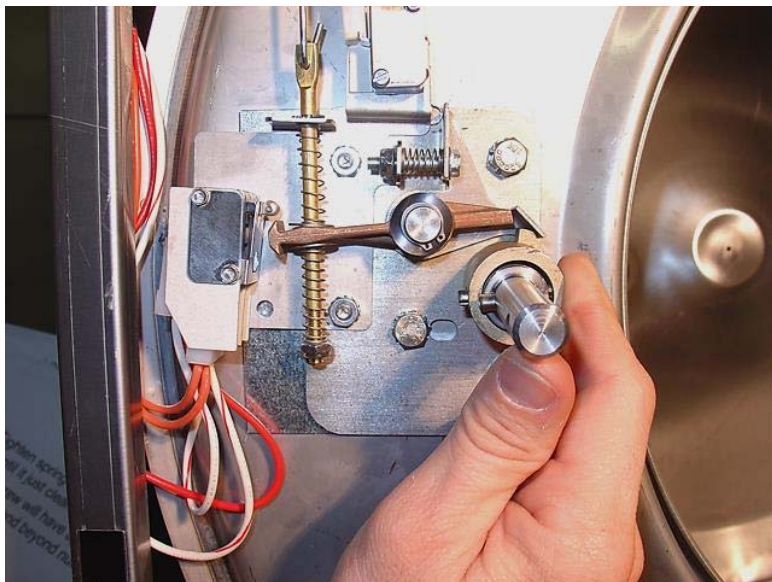
- 1) Latching switch
- 2) Stacked
- 3) Pawl (Bronze Lever)
- 4) Actuator arm
- 5) Pin to door lock solenoid



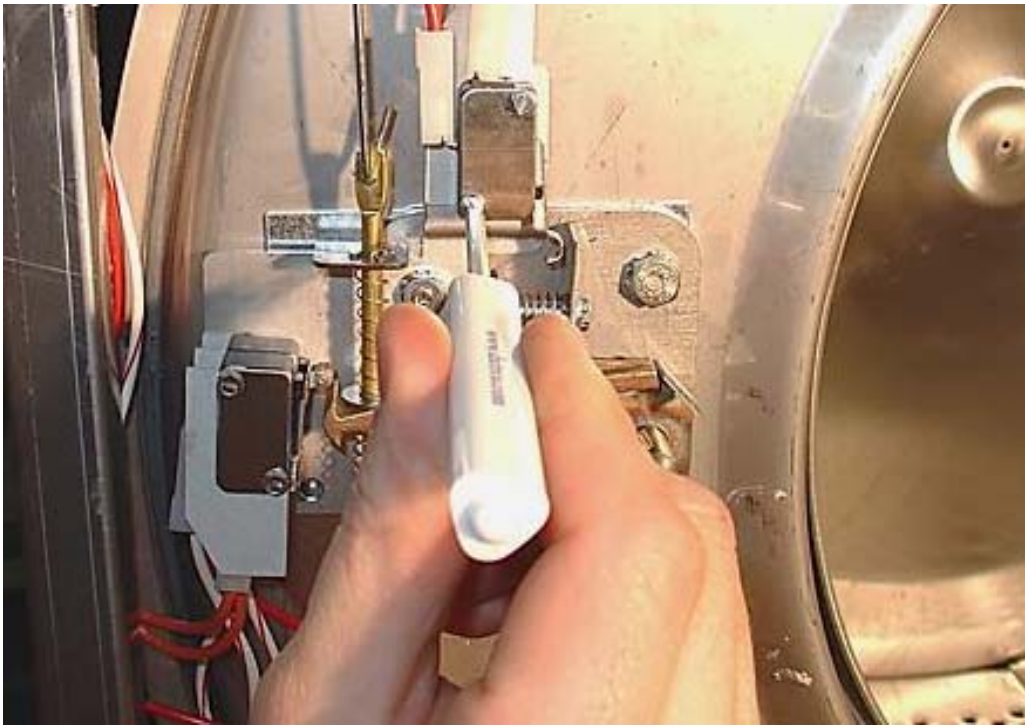
# LATCHING SWITCH ADJUSTMENT

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.



# 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)



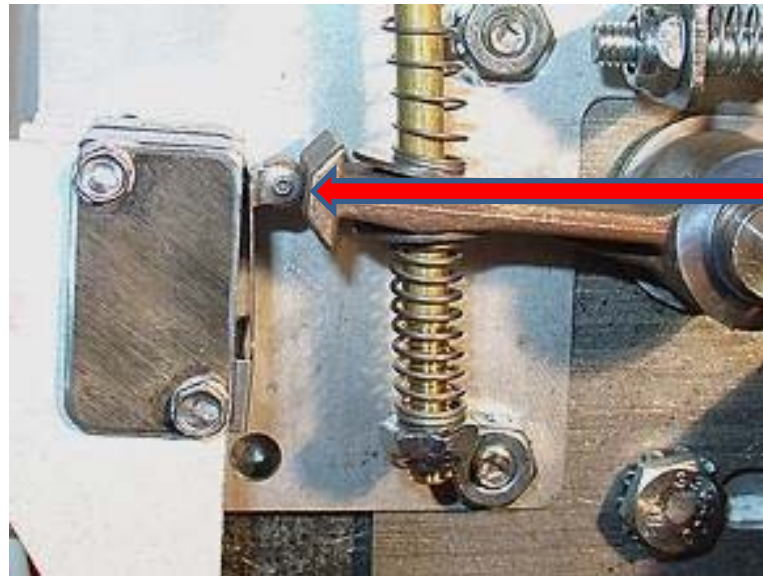
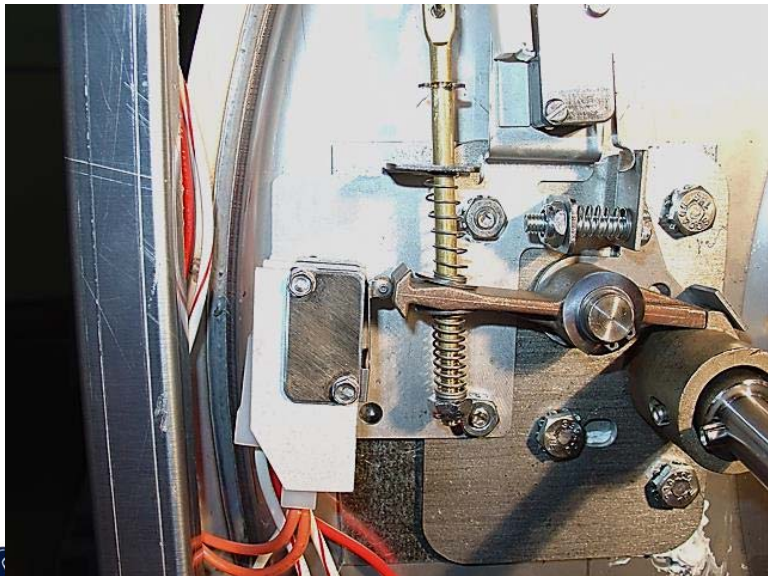
# LATCHING SWITCH ADJUSTMENT

- 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.



# PIGGYBACK LOCKING SWITCH ADJUSTMENT

- With the door closed and latched, pull up and engage the door lock actuator in the upper panel.
- Check that the pawl (bronze lever) is in the fully raised position so that the (2) stacked lock sensing switches are now closed.
- The pawl should be centered on the actuator roller.



# 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.

