

P/N 213107 Lift Switch

Automated Equipment, LLC

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Lift Switch P/N 213107 Replacement and Adjustment

Tools required

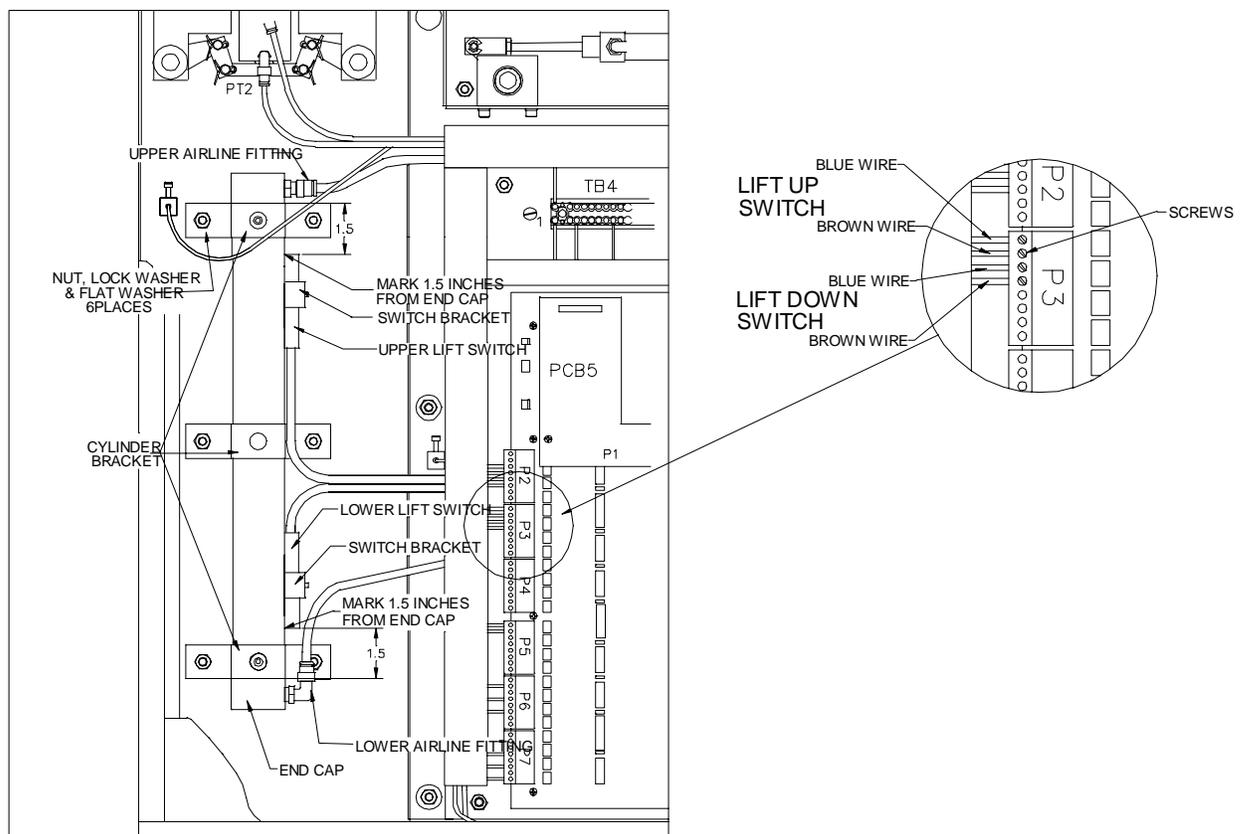
- 5/64 allen wrench
- Small flat blade screwdriver
- Permanent ink marker

Removal

- Turn the power off and unplug the power cord.
- Remove the lower back panel from the dispenser.
- Locate the faulty switch.
- Loosen the set screw on the switch bracket and remove the switch.
- Follow the switch wires to the controller board and remove them by loosening the screws.

Installation

- Make a mark on the lift cylinder 1½" from the cylinder end cap.
- Place the end of the switch at the mark. Install the switch bracket and tighten the set screw.
- Connect the switch wires to the appropriate location on the controller board and tighten screws.
- Plug the power cord in and turn the power on.
- Verify proper dispenser operation.
- If the dispenser does not operate properly check the lift speed.



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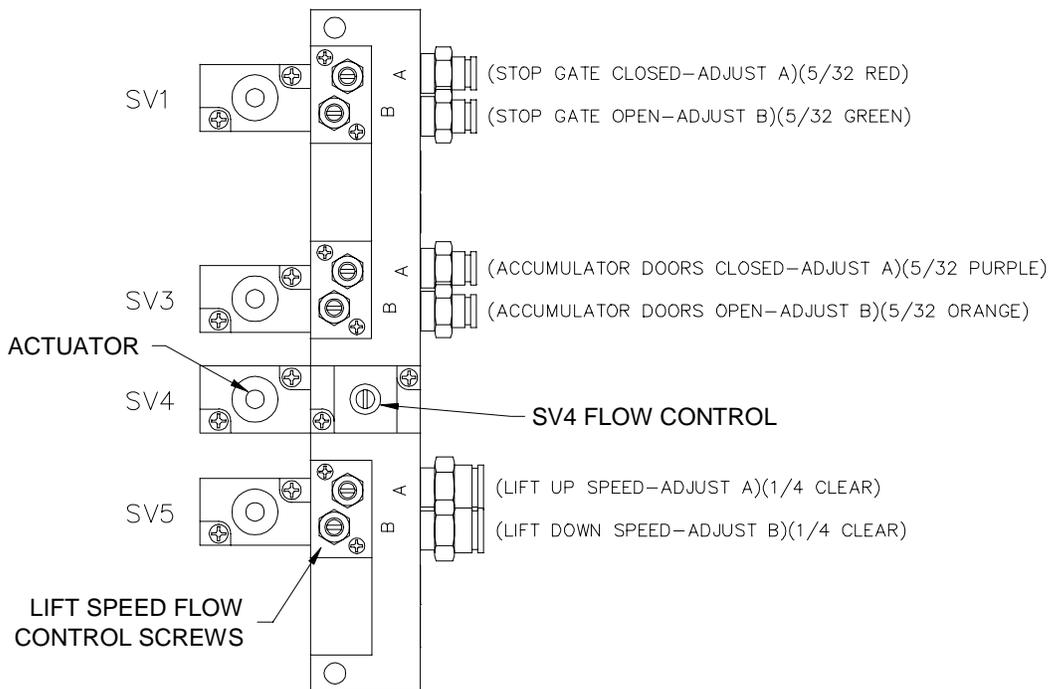
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Lift cylinder speed adjustment

1. Connect the airline at the top of the dispenser. Verify the air pressure regulator is adjusted to 80psi.
2. Locate the solenoid valves SV4 and SV5 on the manifold. When looking at the valve you will notice a small round “eye” in the end of the solenoid. This is the solenoid “actuator”.
3. From fully clockwise adjust the SV4 flow control 3 full turns counter clockwise.
4. Using a ball point pen press and hold the SV4 actuator. The lift saddle will go up.
5. While holding the SV4 actuator, press and hold the SV5 actuator. The lift saddle will go down. Releasing SV5 only will cause the lift saddle to go back up.
6. Time the lift up and down speed. It should be two seconds in each direction.
7. If the lift speed needs adjustment, loosen the lock nut on the flow control adjustment screw to the right of SV5. The “A” screw controls the “up” speed and the “B” screw controls the “down” speed.
8. Adjust the flow control screw counter clockwise to increase the speed and -clockwise to decrease the speed.
9. When the lift speed is correct tighten the lock nut while holding the screw with a screwdriver.



ADJUSTMENT DIRECTIONS

ADJUST SCREW CLOCKWISE TO DECREASE SPEED
 ADJUST SCREW COUNTER CLOCKWISE TO INCREASE SPEED