

Summary	Reversing Edge Adjustment for System 4 Retro				
Products Affected	All Doors being retrofit from Digital Gateway to System 4 controllers.				
Key Word Tags					
Tools/Equipment (If Required)	Terminal Screw Driver, Phillips Screw Driver, Allen Wrenches				
Parts/Materials (If Required)	R00141122 RESISTOR 8.2K 1% 0.5W (Comes with Retro Kit)				
Related Media					
Author	Mike Burzlaff	Issue Date	5/16/17	Status	Active

Please Read The Entire Bulletin Before Proceeding

When performing the Gateway to system 4 retro, the reversing edge air switch settings need to be changed. The old Gateway settings were Normally Closed. The new System 4 needs to be set Normally Open with the new resistor provided to be installed across the terminals.

To adjust the air switch the following steps should be taken.

1. Move the door to a workable height for access to the bottom bar.



The disconnect must be in the OFF position and properly locked and tagged before performing the next step of the procedure.

2. The reversing edge switch is a normally-open contact. The PVC hose is on the lower air input post. To adjust the switch, first remove the wires and resistor from the contact terminals and attach an ohmmeter across the two terminals. (See Figure 1.)
3. Turn the adjustment screw, located on the face of the switch, clockwise or counterclockwise until continuity is achieved. Then turn the screw two full turns counterclockwise. The ohmmeter should no longer show continuity. Turning the screw counter clock- wise decreases sensitivity. Turning the screw clock- wise increases sensitivity. (See Figure 1.)

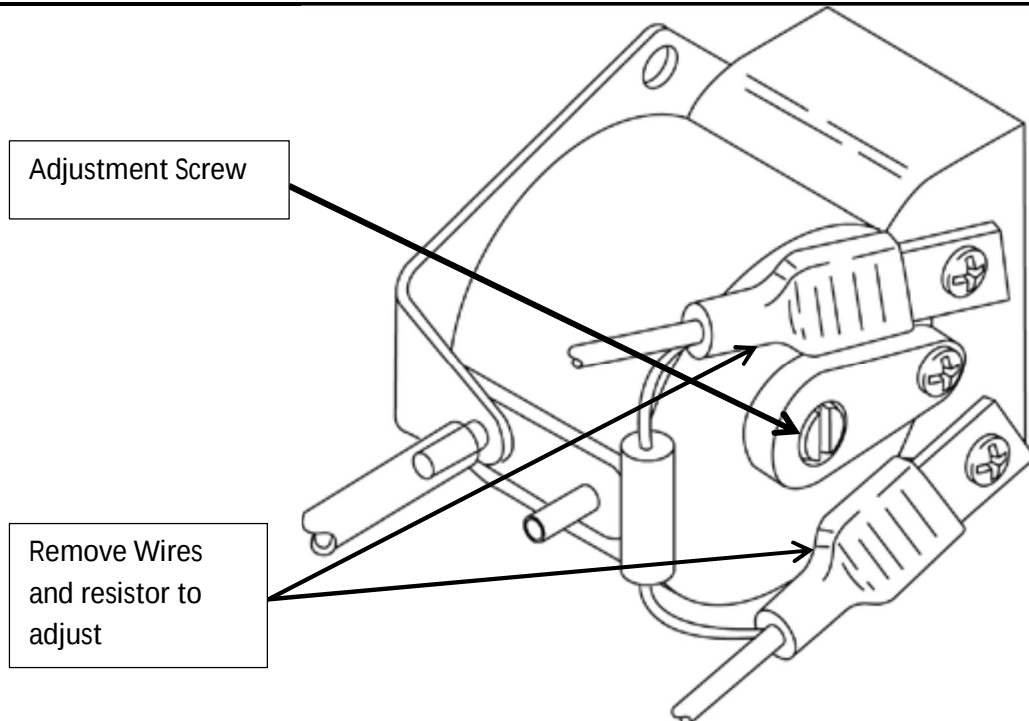


Figure 1

4. Reattach resistor and wires to the contact terminals. Replace the access cover on the bottom bar.

NOTE: If the reversing edge is too sensitive, the door may reverse direction during the closing cycle, without the reversing edge coming in contact with an object. If this occurs, readjust the reversing edge switch.

5. Test the operation of the reversing edge and return to service. Readjust as needed.

If you have any questions please contact Rytec Customer Support at 1-800-628-1909.