

Summary	Adjustment of vibration sensors for the Rytec Rubber door.				
Products Affected	Breakaway Powerhouse Doors				
Key Word Tags	PH, Vibration Sensor, Adjustment				
Tools/Equipment (If Required)	Phillips Screw Driver, Flat Blade Screw Driver, Assorted Wrenches				
Parts/Materials (If Required)					
Related Media					
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Please Read Entire Bulletin Before Proceeding With Adjustment

The Rytec rubber doors are equipped with two vibration sensors. The purpose of the vibration sensors is to place the door into the F:060 door ajar repair process if the door has been impacted. The vibration sensors are located behind the silver access plate opposite end of the Ry-Wi wireless reversing edge cover plate. The vibration sensors are mounted back to back to each other on a metal bracket. The switches are mounted back to back so if the bottom bar is impacted the switch can activate from either direction. Both switches are normally closed and are factory set.

If the vibration sensors require adjustment please follow the steps below.

Position the door to a workable height and turn off power to the door.



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

1. Remove the silver cover on the bottom bar to find the vibration sensors. (See figure 1)

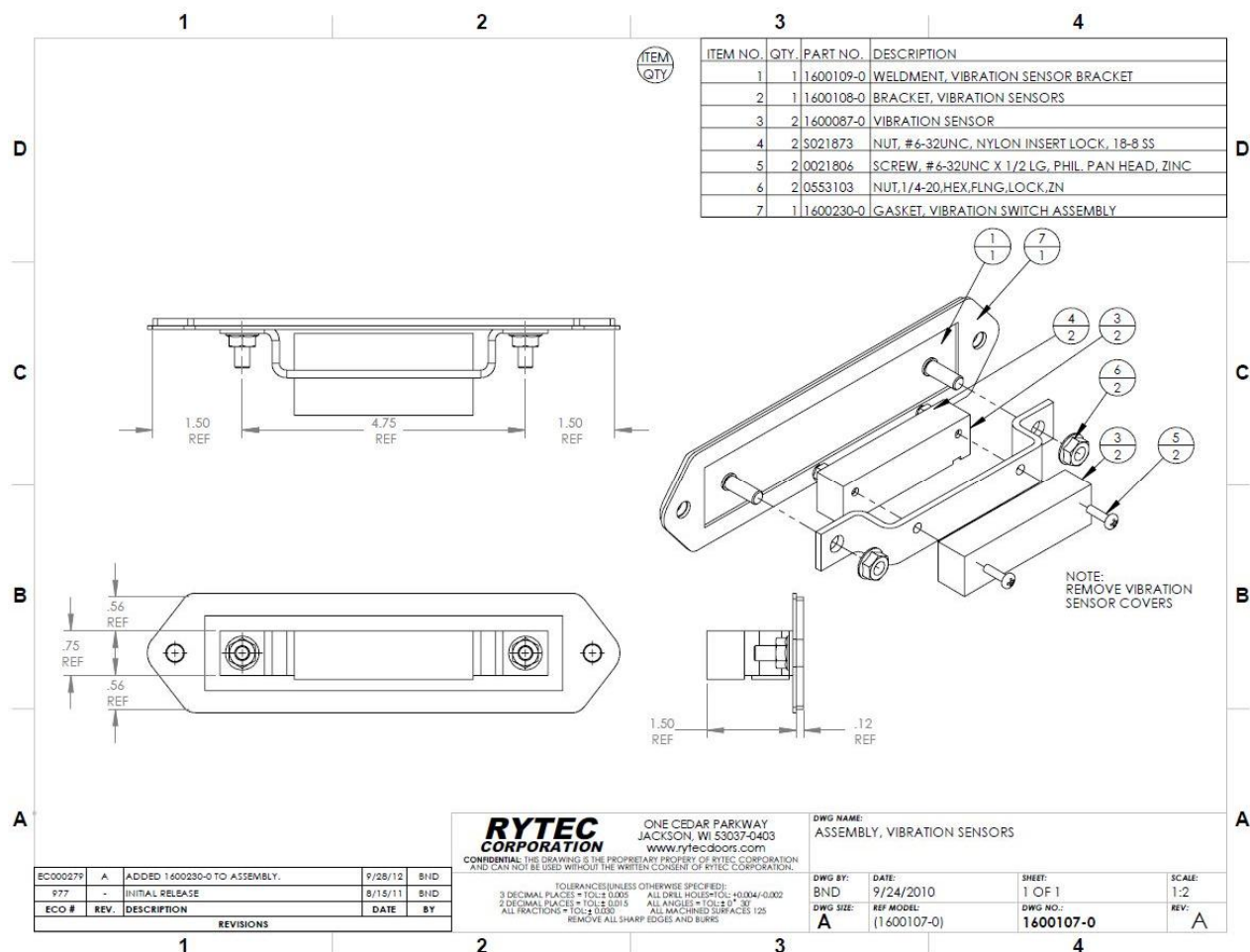


Figure 1

2. The vibration sensors are item 3 in the drawing.
3. After removing the switches, inside the switch you'll find a slotted screw. (See Figure 2).



Figure 2

4. The slotted screw can be adjusted clockwise (less sensitive) or counterclockwise (more sensitive). The screw simply pushes down on a piece of spring steel that forces the contacts to close tighter. The further clockwise the screw is adjusted the harder the impact needed to open the contacts. (See figure 3 for side view of the contact).

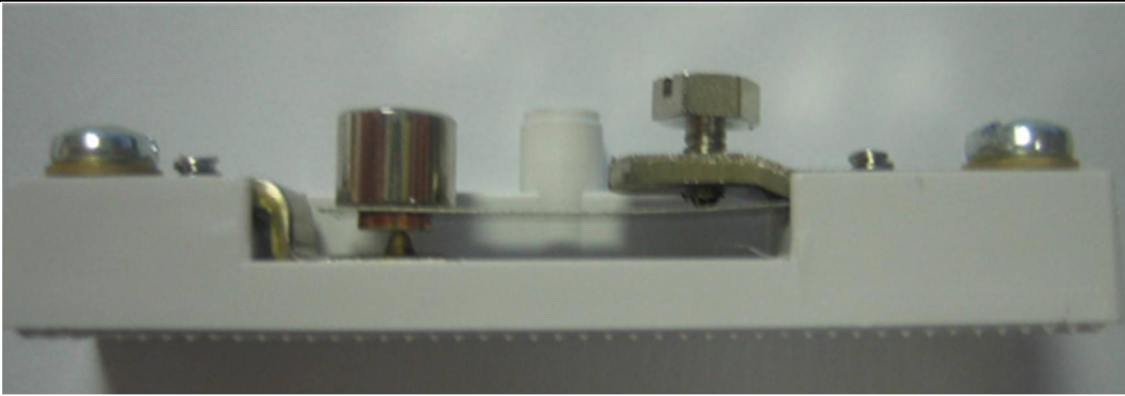


Figure 3

After the adjustments have been made, re-apply power to the controller. Test the operation of the door. If the F:060 “Door Ajar” messages comes up, run the door to the full open position and clear the fault by holding the reset button.

NOTE: If the door is traveling and tripping into F:060 “Door Ajar” without being impacted the switch is too sensitive and will require the slotted screw to be turned in clockwise. If the screw is adjusted all the way in and the problem is re-occurring a connection problem or broken wire may be the cause.

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