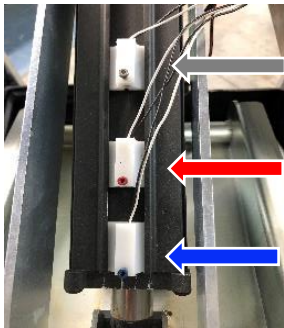




## Original ecotrash<sup>®</sup> Adjusting/Replacing Reed Switches

**Purpose:** Replacement and adjustment of reed switches. If adjustment is all that is needed skip to step 5. Use chart below to lable dimensions. Refer to the link below for service video.

For More Info Visit : <https://www.youtube.com/watch?v=NRihfQ-14vE&t=164s>



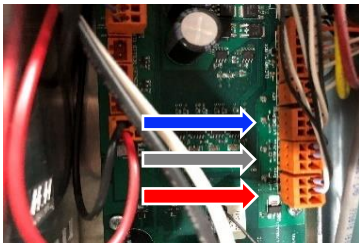
Top/Home Switch  
\_\_\_\_\_Inches

Middle/Full Switch  
\_\_\_\_\_Inches

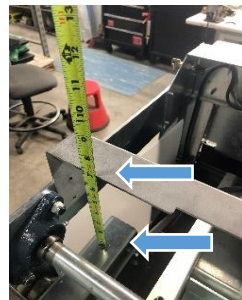
Bottom/Extend Switch  
\_\_\_\_\_Inches

**Step 1)** Remove the top by following the top removal instructions. Measure the locations of the three switches. Measure from the end of the actuator rail to the far ends of the reeds. Then loosen allen bolts on the three reed switches and slide them off of the main actuator rail starting with the blue sensor.

**Step 2)** Disconnect the WAGO connections from the circuit board and fish them back through wiring access hole.



**Step 3)** Fish WAGO connectors for new switches through wiring access hole towards electrical components. Connect WAGO's to corresponding terminals on circuit board.



**Step 4)** Slide sensors back into main actuator in the order that they were removed. Set the sensors to the distance you recorded earlier. (If the dimensions were not recorded. The bottom **blue** switch should be set to 3/8" measured from bottom of guide rail on actuator, to the bottom of the switch. The middle **red** switch should be set at 2 1/4" measured the same way. Set the top **silver** switch to 5". **IT IS IMPORTANT TO ONLY FIRMLY FINGER TIGHTEN THE ALLEN HEADS.**

**Step 5)** Check and adjust top silver home sensor to correct height if needed. Run a compaction cycle to verify head height. Measure from top of the head to the top crossmember on the frame. This should measure between 6 3/4" and 7". If this measurement is under 6 3/4" Move home sensor down. If the head is over 7" from the top move the top home sensor up. **NOTE 1/8" OF MOVEMENT WILL MOVE HEAD APPROXIMATELY 1". ALSO WHEN MOVING THE SENSOR, THE HEAD MAY DROP TO BOTTOM OF STROKE AND RETURN TO HOME.** With power applied to the machine cycle the machine by quickly turning the key open to close. This will send the head to home. When head is set to correct location you are ready to test and put the top back on.

