

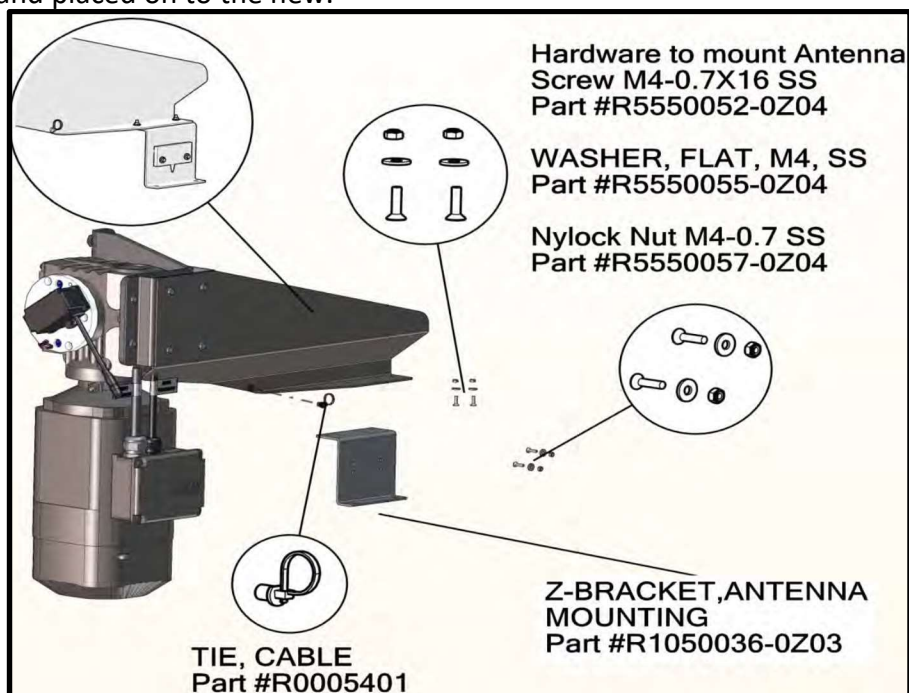
|                               |                                                                                                                                                             |            |          |        |        |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------|--------|--------|
| Summary                       | Changing the motor position on the Rytec Pharma Roll doors.                                                                                                 |            |          |        |        |
| Products Affected             | Pharma Roll Doors.                                                                                                                                          |            |          |        |        |
| Key Word Tags                 | Motor Swap, Wireless Swap, LH to RH                                                                                                                         |            |          |        |        |
| Tools/Equipment (If Required) | Drill, Rivet Gun, Wrenches, Forklift, Ladder or Lift, Phillips Screw Driver                                                                                 |            |          |        |        |
| Parts/Materials (If Required) | ARM ANTENNA BRKT,MOLD HD,LH,SS <b>R1060258-1Z04</b> (Stainless Steel)<br><b>OR</b><br>ARM ANTENNA BRKT,MOLD HD,RH,SS <b>R1060258-2Z04</b> (Stainless Steel) |            |          |        |        |
| Related Media                 |                                                                                                                                                             |            |          |        |        |
| Author                        | Randy Meyer, RevA M. Burzlaff,<br>RevB Sam Last                                                                                                             | Issue Date | 6/8/2009 | Status | Active |

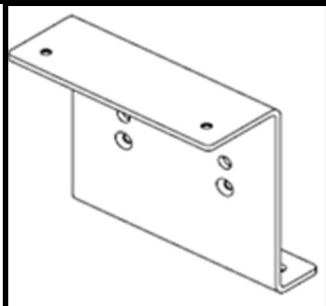
## Please Read The Entire Bulletin Before Proceeding

**DO NOT REMOVE BOTTOM BAR, DO NOT CHANGE SWITCHES IN BOTTOM BAR, SEE INSTRUCTIONS BELOW FOR BOTTOM BAR SWITCHES**

The Pharma Roll door can have the motor mount position changed in the field. These doors can be swapped left hand drive to right hand or right to left. The process is simple but may require different parts for the wireless reversing edge antenna system. Also if the door has a hood different hood pieces would be required. Attached to this bulletin are pictures and diagrams of the process and part numbers that may be required.

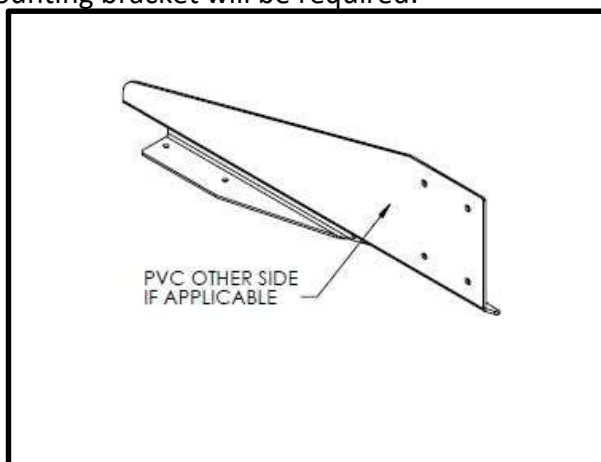
To change motor mount from left to right the wireless antenna will have to be removed from the current Bracket and placed on to the new.





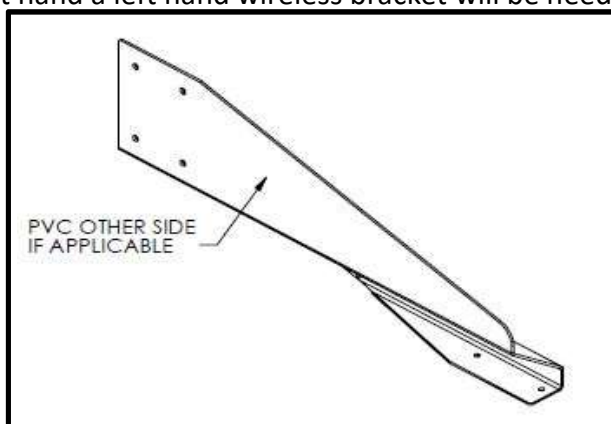
Z-Bracket, Antenna Mounting R1050036-0Z03

A new Right Hand wireless mounting bracket will be required.



ARM ANTENNA BRKT, MOLD HD, RH R1060258-2Z01

If switching from Right to Left hand a left hand wireless bracket will be needed.



ARM ANTENNA BRKT, MOLD HD, LH R1060258-1Z01

**To begin changing the handing of the motor:**

- 1) Disconnect and lockout electrical power prior to beginning work.



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

- 2) Disconnect all electrical connections to the motor and encoder.
- 3) Remove the encoder from the motor. **NOTE:** Wireless antenna is fragile.
- 4) Remove the motor and drum roll assembly from the side columns.
- 5) Place the motor and drum roll assembly on a clean flat surface.
- 6) Remove the motor from the drum roll assembly.
- 7) Unroll the fabric from the drum.
- 8) Remove the rivets (drill or grind) holding the fabric to the drum roll.
- 9) Turn or flip the drum so the motor shaft is in the opposite direction.
- 10) Re-attach the fabric to the drum using stainless steel rivets (part number **RS021058**)
- 11) Roll the fabric back on to the drum.
- 12) Remove the motor mount bracket and encoder mount from the motor and flip to the opposite side.
- 13) Slide the motor back on to the drum shaft and replace mounting hardware.
- 14) Re-install the motor and drum roll assembly to the side columns.
- 15) Re-install the encoder to the motor.
- 16) Re-install the electrical connections for the motor and encoder.

### **BOTTOM BAR**

The bottom bar has a wireless reversing edge transmitter (black plastic cover plate). The black plastic cover must be directly underneath the antenna for the system to operate.

The motor has been switched to the other side in the steps above you must now move the wireless transmitter to the same side. **DO NOT MOVE THE AIR SWITCHES.** Swap the black plastic wireless transmitter, battery, (DO NOT TURN, TWIST, or ROTATE the transmitter) and cover plates for the access holes. The cabling for the switches will require changing. The left hand air pressure switch is always the breakaway or kill switch. The right hand air switch is always the reversing edge switch. Regardless of the motor mount position. Therefore, on left hand mounted motors the wireless transmitter is located on the left hand side of the bottom bar and a grey cable carries the reversing edge signal from the right side of the bottom bar to the wireless transmitter on the left.

For right hand motor mount the wireless transmitter would then be mounted on the right side of the bottom bar and a grey cable would then carry the breakaway or kill switch signal from the left to the wireless transmitter on the right.

**LEFT HAND MOTOR MOUNT SWITCHING TO RIGHT** – Grey cable carries the reversing edge signal from the right side air switch to the transmitter on the left. When the motor is switched to the right the wires must now be switched to carry the breakaway signal over to the right hand side of the bottom bar where the transmitter will now be located.

**RIGHT HAND MOTOR MOUNT SWITCHING TO LEFT** – Grey cable carries the breakaway/kill switch signal from the left side air switch to the transmitter on the right. When the motor is switched to the left the wires must now be switched to carry the reversing edge signal over to the left hand side of the bottom bar where the transmitter will now be located.

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