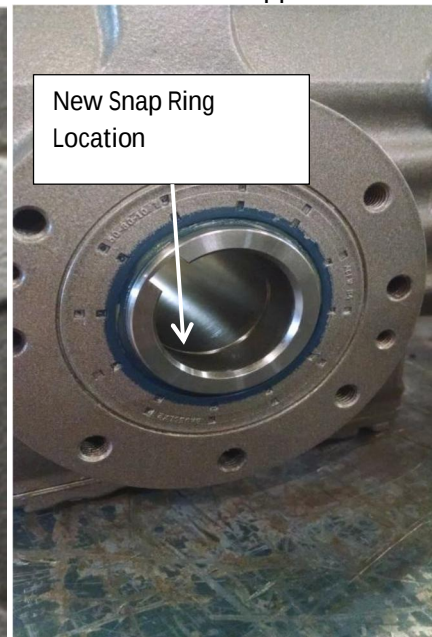
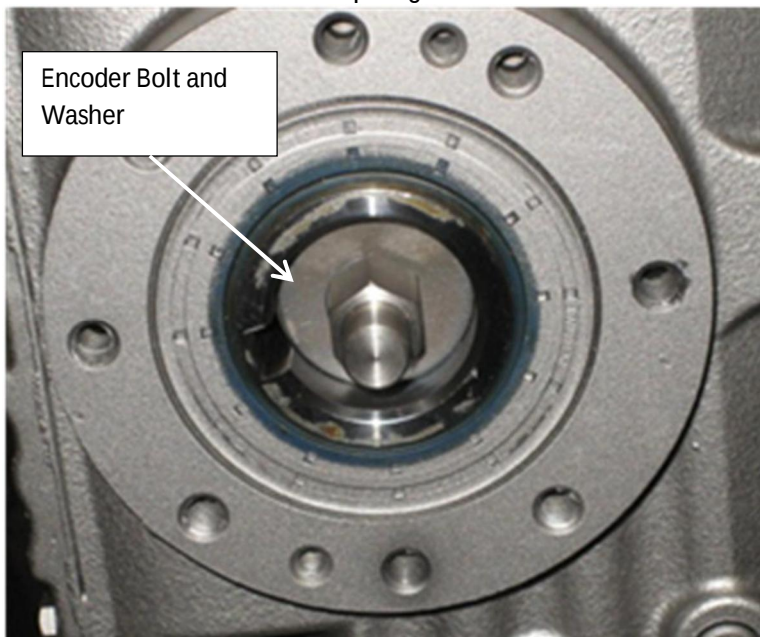


Summary	Changing Clean Roll Motor Handing			
Products Affected	Clean Roll			
Key Word Tags	Motor Swap, Handing Change, Field Modification			
Tools/Equipment (If Required)				
Parts/Materials (If Required)	MOTOR SUPPORT BRACKET, FRONT MOUNT, LH, CR RS703848 (1) DRIP GUARD SUPPORT BRACKET, LH, CR RS703850 (1) RIVET, 3/16X0.188-0.25 GRIP, SS RS021058 (Quantity will vary) ASSY, BB, WIRELESS, XX, XX R1080219-XX (1) OR MOTOR SUPPORT BRACKET, FRONT MOUNT, RH, CR RS703849 (1) DRIP GUARD SUPPORT BRACKET, RH, CR RS703851 (1) RIVET, 3/16X0.188-0.25 GRIP, SS RS021058 (Quantity will vary) ASSY, BB, WIRELESS, XX, XX R1080219-XX (1)			
Related Media				
Author	J. Freimuth, RevA M. Burzlaff	Issue Date	5/01/02	Status Active

Please Read The Entire Bulletin Before Proceeding

Instructions:

- 1) Lay motor/drum assembly on a clean, flat surface with room to unroll panel.
- 2) Remove the encoder and encoder mounting plate from the motor assembly.
- 3) Remove the bolt and washer that holds the motor to the end of the shaft and pull the motor off of the drum shaft. Remove the snap ring from the inside of the motor and install it on the opposite end.



- 4) Unroll panel from drum until the hinge is visible and remove the rivets that secure the hinge to the drum.
- 5) Remove the existing bottom bar and drip guard.

- 6) Turn drum around so the motor shaft is on the proper side and re-secure the panel using the proper rivets. Make sure that the panel is wrapping up around the back of the drum and that the hinge is folding in the right direction. New holes need to be drilled in the drum for this step as the existing holes may not match up. Use the hinge to cover up the old holes.
- 7) Move the counterweight spools and swap sides so the strap is routed correctly. (if installed on doors)
- 8) Install the new drive and non-drive side drum mounting brackets.
- 9) Roll the panel back up and replace the motor on the proper side keeping the front face up. Reattach the bolt and washer.
- 10) Put the encoder base and encoder on the motor.
- 11) If there is a spacer plate on the motor mount bracket, move the spacer to the opposite mounting bracket.
- 12) Install the new bottom bar.
- 13) Install the drum/motor assembly to the side columns.
- 14) Wire the door. Check all connections and apply power.
- 15) Check the rotation of the motor as outlined in the Owner's Manual and set limits.

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