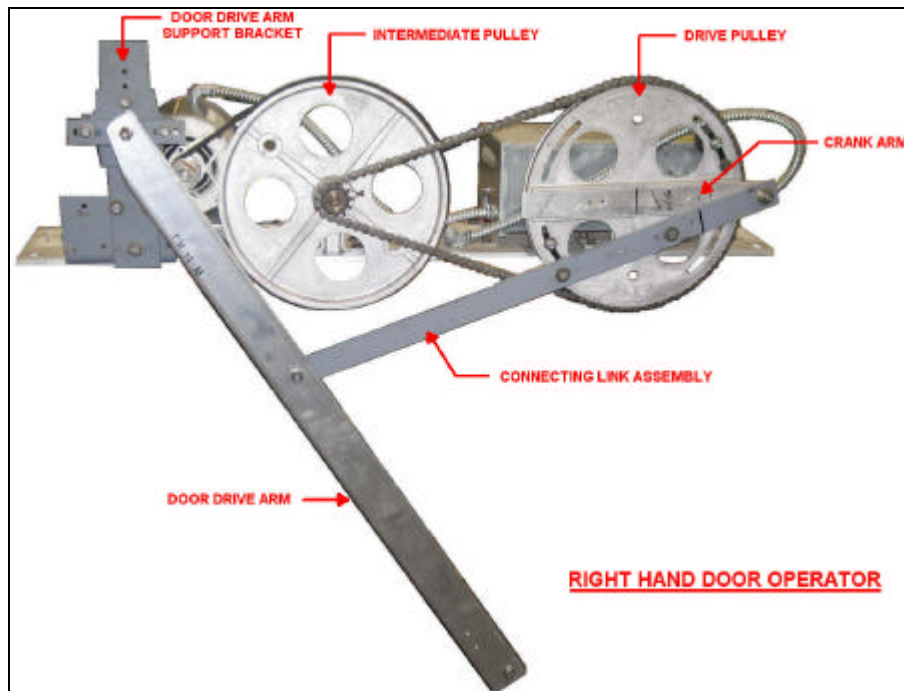
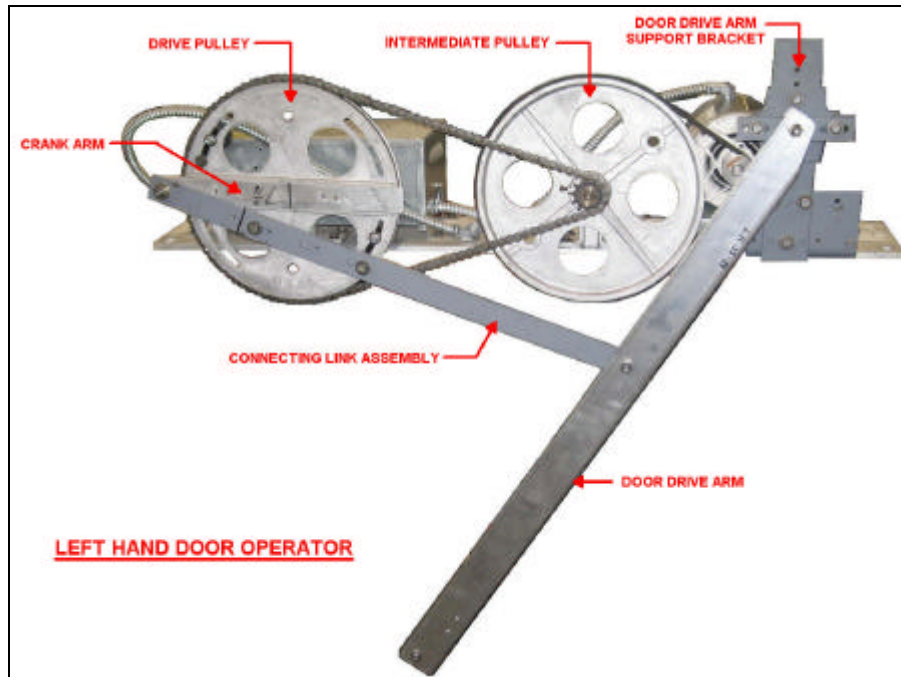
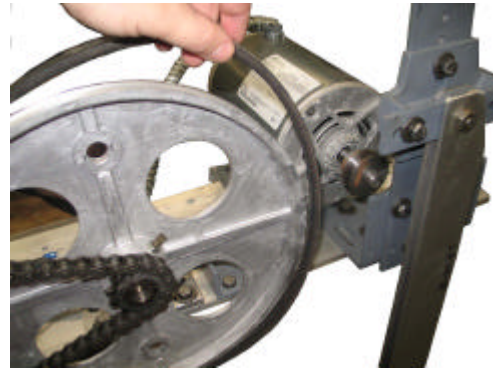
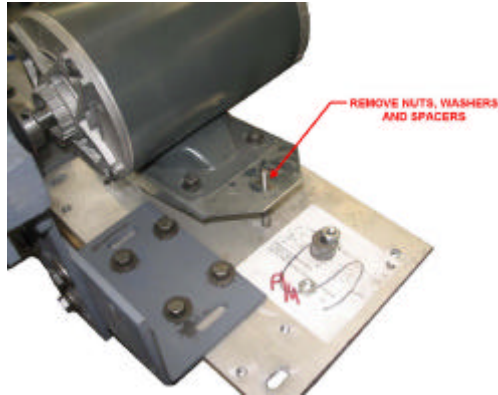


MOVFR Operator Hand Swap Procedure

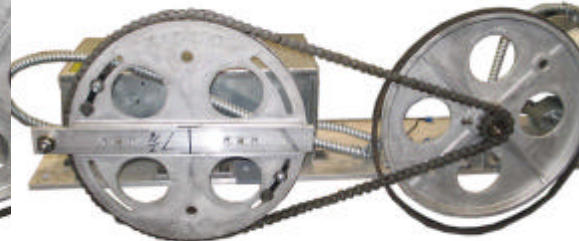
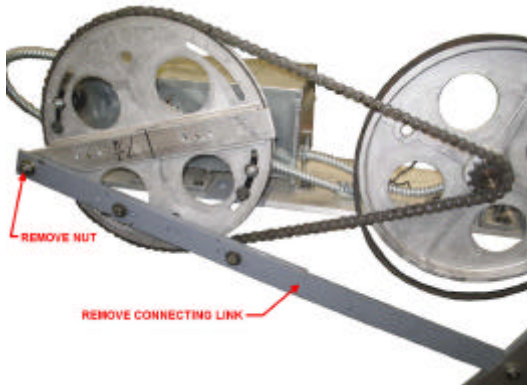
This document should be used as a guide to convert a side slide operator to its opposite hand. The following will show the steps necessary to complete this task. It should take approximately 1 to 1 1/2 hours to complete. Take note of the entire operator assembly and location of components to avoid reassembly problems.



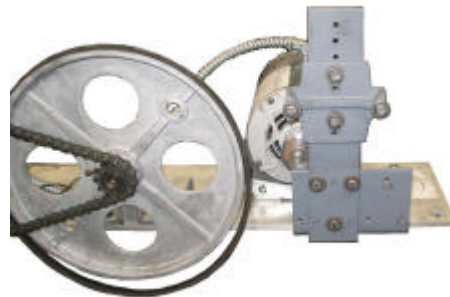
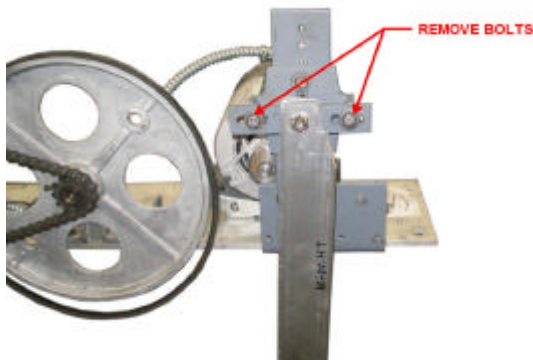
1. Remove the operator motor drive belt from the motor. Remove nuts, washers and rubber spacers on motor mount tensioner.



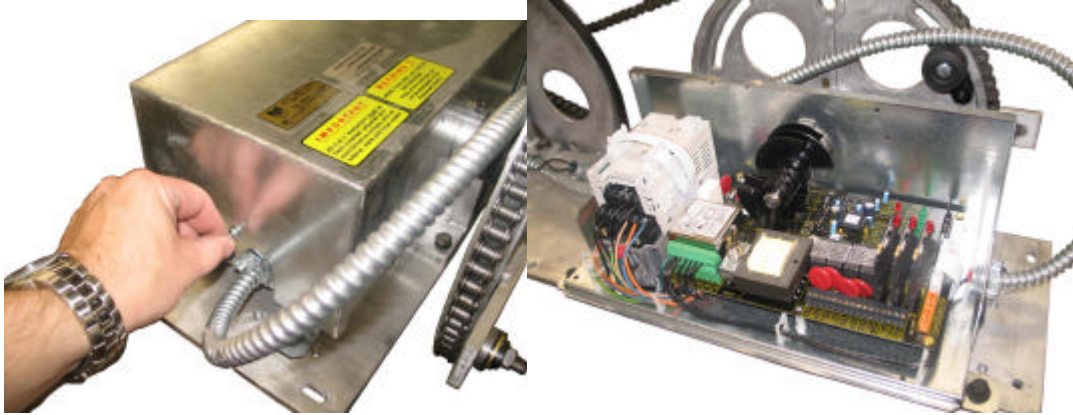
2. Separate connecting link assembly from the operator crank arm. Note: During reassembly in the opposite hand, you must separate the 2 halves of the connecting link, and reassemble with the slotted link facing outward.



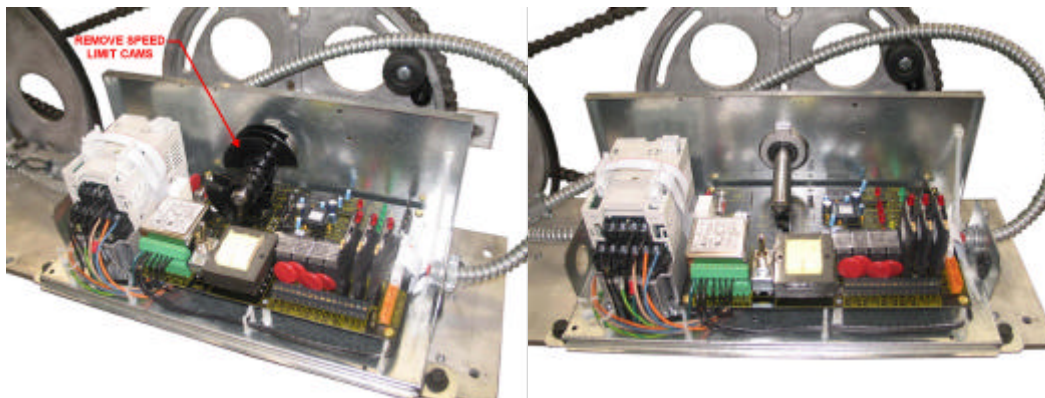
3. Remove 2 bolts on the door drive arm support assembly to separate door drive arm.



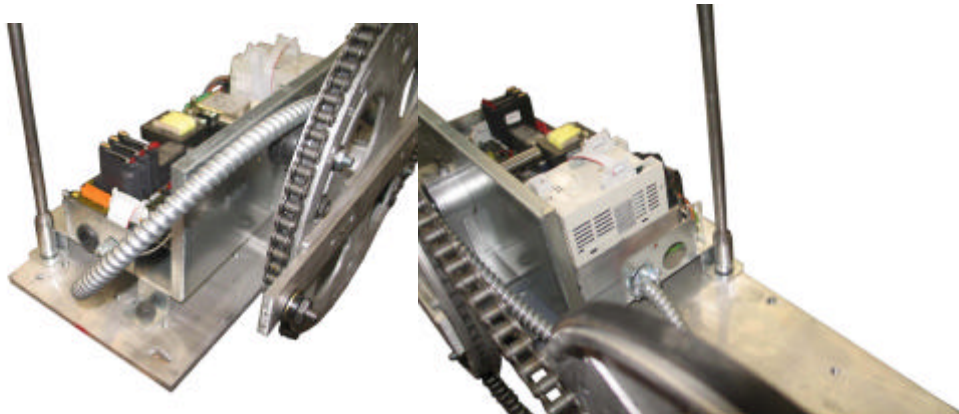
4. Remove the operator controls enclosure cover.



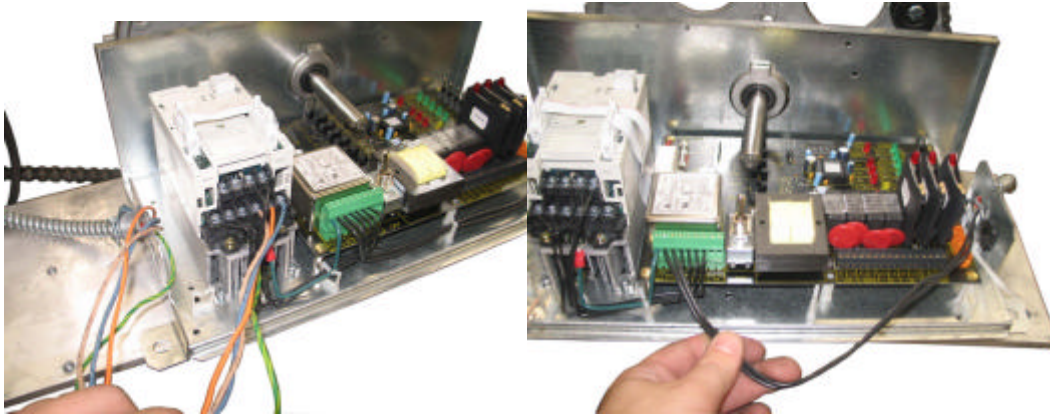
5. Remove speed limit cams by sliding them off the bearing shaft. Note: During reassembly in opposite hand, reference the appendix section of this document.



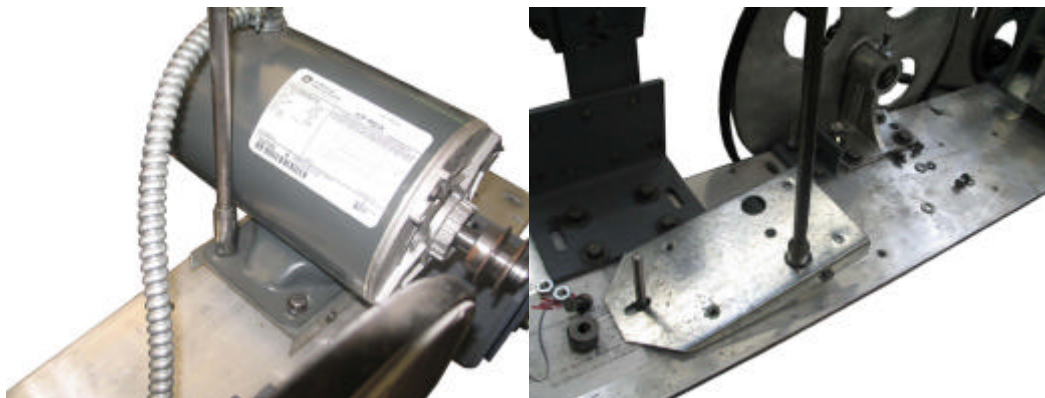
6. Remove 4 screws holding the operator controls enclosure to the base.



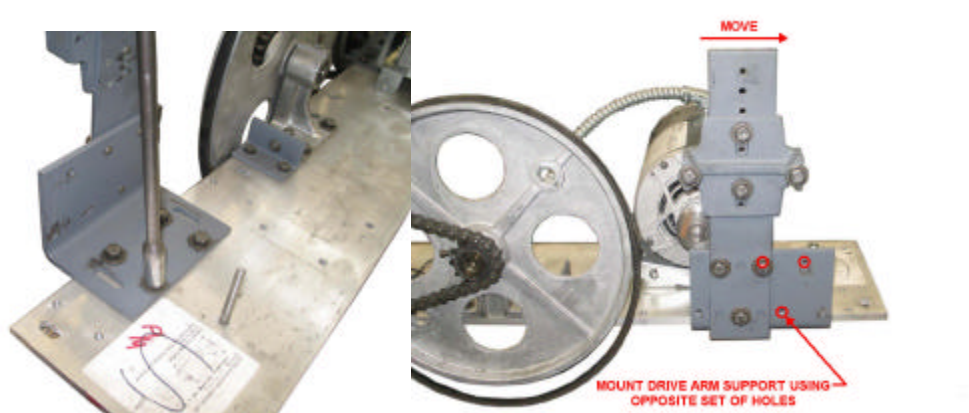
7. Disconnect motor wires and gate switch wires. Remove electrical conduits on both sides of box. Note: During reassembly in the opposite hand, wiring and conduits are to be attached on opposite sides of box. Also reverse any two motor wires to obtain proper rotation of motor.



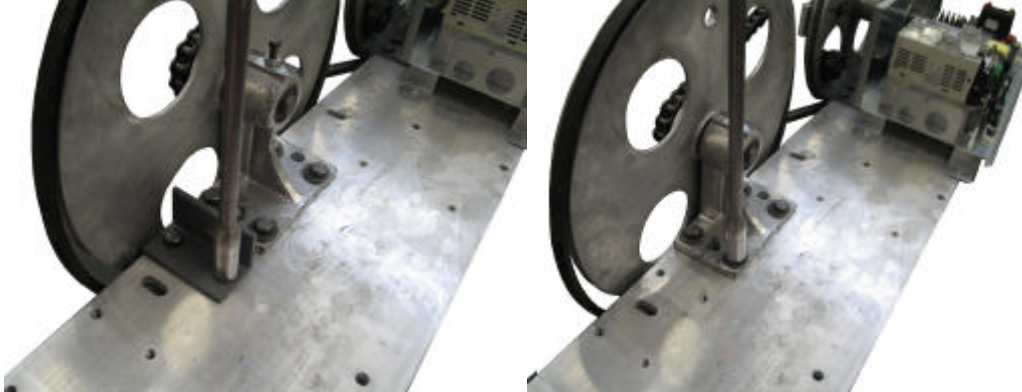
8. Remove 4 bolts holding motor to motor mounting base. Then remove 2 bolts securing the mounting base.



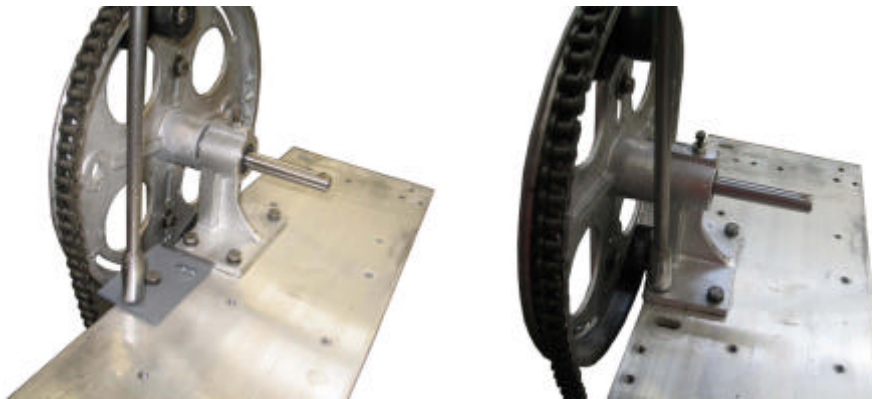
9. Remove 4 bolts holding drive arm support assembly to the base. Note: During reassembly in the opposite hand, you must remove the 3 bolts on the support assembly and shift to top half of the support over to the next set of holes. (if applicable)



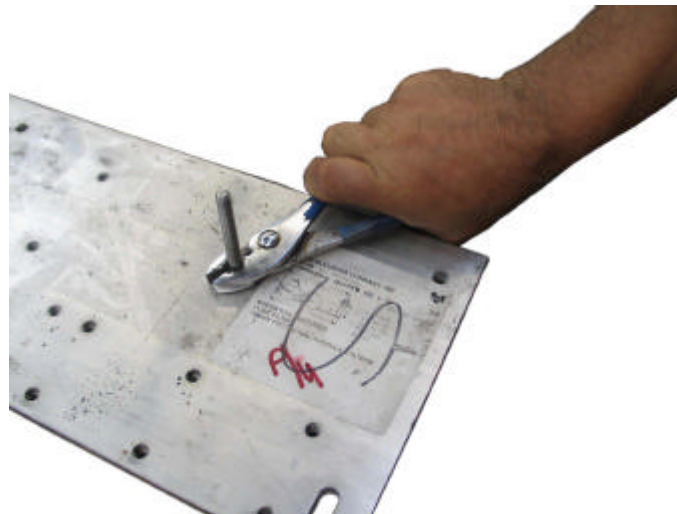
10. Remove 2 bolts on the drive chain tension angle, and remove from the intermediate pulley assembly. Then remove 4 bolts securing intermediate pulley assembly to the base.



11. Slide operator controls enclosure out of the way. Remove 2 bolts securing the stop plate for drive pulley limit. Then remove 4 bolts securing the drive pulley assembly to the base.



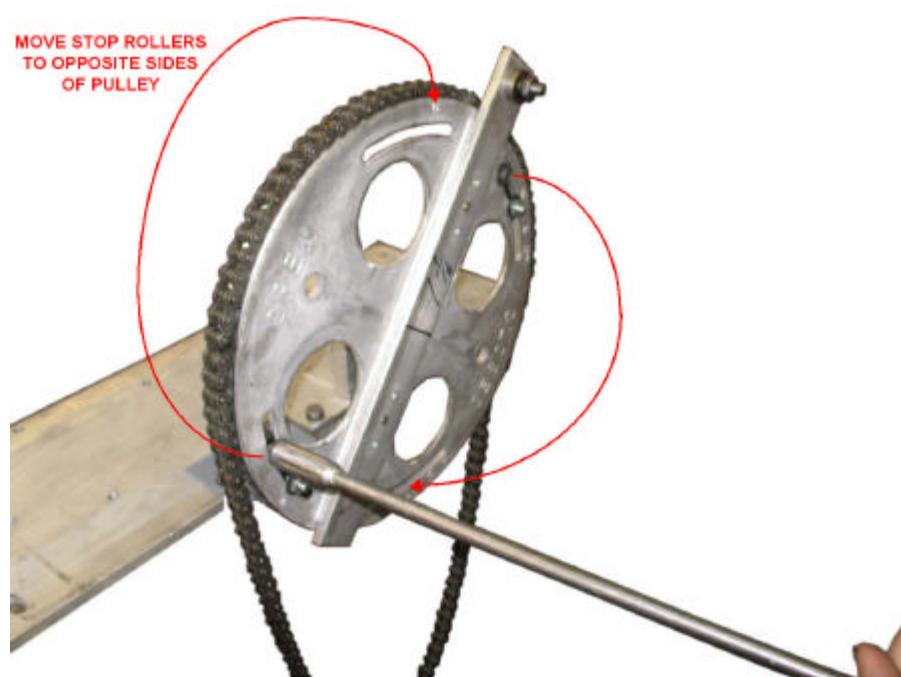
12. Unscrew stud for the motor mount tensioner.



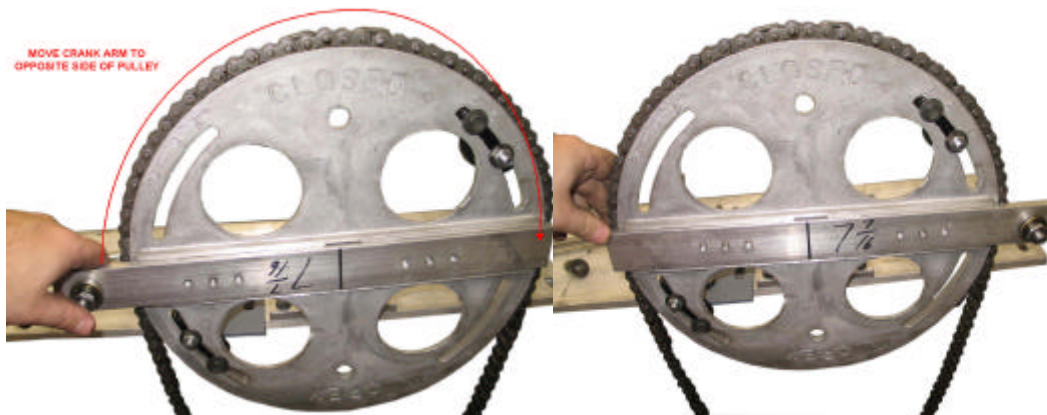
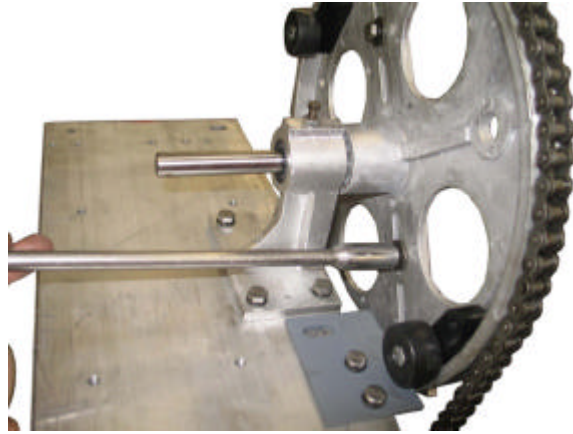
13. Removal of components is now complete. Now you must flip the operator base over to begin reassembly in the opposite hand.



14. Reinstall drive pulley and stop plate for drive pulley limit in the opposite hand. You will now need to move the limit stop rollers on the opposite side of the pulley. Take notice of the markings on the casting. All stop rollers located "LH" will now be mounted to "RH", and vice versa depending on the swap.















15. Next, you must mount the crank arm to the opposite side of the drive pulley. Remove 2 screws securing the crank arm on the back side of the drive pulley casting. Reverse the crank arm and insert screws back in place.




















17. Reinstall stud for motor mount tensioner. (Ref. Step 13). Then follow reassembly in reverse order from steps 12-2.

Appendix

Cam Setting Versus Distance

CLOSING DIRECTION				
←				
SPEED	DCL	DPM	FSC	HSC
DISTANCE	Last ¼ inch	½ inch before GATE SWITCH is activated	Last 4 Inches	Until the door reaches 4 inches from the Final Close
CAM 4 FSC				
CAM 5 DPM				
CAM 6 DCL				

OPENING DIRECTION							
→							
SPEED	SSO	HSO			MSO	FSO	DOL
DISTANCE	Until the Clutch Makes up (First ½ inch)	From the Clutch Made up (approx. ½) in to ¾ of the total door width			Last ¼ of the total door width	Last 4 inch	Last ¼ inch
CAM 1 SSO/FSO							
CAM 2 MSO							
CAM 3 DOL							

CONVENIENT CAM		
←		
ACTION	ACTIVATE AUX. RELAY	DEACTIVATE AUX. RELAY
DISTANCE	Customer Setup	Customer Setup
CAM 7 AUX.		



Rotational Cam Setting

