When servicing, place AC power switch to the OFF position. If the operator is equipped with a battery back-up system, place the battery power switch to the OFF position.

Inspection and service should be performed anytime a malfunction is observed or suspected. High cycle usage may require more frequent service checks.

Use only Shell OMALA 150 gear oil when adding or replacing gearbox oil. IMPORTANT: Do not fill gearbox to top. Gearbox is full when oil completely covers inspection window.

Always check external reversing devices (loops, photo-cells, etc.) when performing maintenance. **If reversing devices are not functional and cannot be placed in an operable state, DO NOT PLACE OPERATOR IN SERVICE.** If the operator is equipped with a battery back-up system, follow the steps below to check the operation of this system.

CAUTION: Keep clear of the arm and all internal moving parts.

1. Prior to checking the battery back-up system, both the AC power switch and the battery back-up switch should be in the ON position.

2. Place the AC power switch to the OFF position. The arm should rotate to the UP position approximately two seconds after the AC power switch is shut off.

3. Turn the AC power switch to the ON position. The operator will resume normal operation.

Barrier Arm Operator Maintenance Schedule		Monthly Interval		
		3	6	12
Arms	Check set screws and nuts. Check bushings for wear.		�✳	
Belt	Check for alignment, tightness and wear.		✳	
Fire Dept.	Check emergency vehicle access device for proper operation.	✳		
ERD	Check the electronic reversing device for proper operation. Adjust sensitivity if necessary.	✳		
Gearbox	Check oil level.			✳
Loop(s)	Check vehicular reverse and shadow loops for proper operation.	✳		
Linkages	Check internal linkages for wear. Inspect bushing for wear.		✳	
Pulleys	Check set-screw for tightness.		✳	
Reversing Devices	Check electric edges and photo-cell for proper operation.	✳		
Complete Check	Perform a complete system check. Include all reversing loops, access system devices, Fire Dept. access devices, etc.			✳