

Divisions of Systems, LLC



TPR UniLock™ PM Checklist

Customer:	Order #:	Date:
Address:		Equipment Model:

WARNING	Always read and understand the Owner's/User's Manual and become thoroughly familiar with the equipment and its controls before installing or operating equipment. Failure to read and understand the owner's/user's manual could result in death, serious injury, damage to equipment or voiding of warranty!
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Maintenance Steps	Dock #	Dock #	Dock #	Dock #
	Serial #	Serial #	Serial #	Serial #
Weekly Maintenance	Completed Steps			
1) Operate the dock leveler and restraint through the complete operating cycle to maintain lubrication.				
2) Inspect all motor and spring covers.				
3) Inspect latch plates, latch blocks and retaining ring on pivot pin for damage or wear. Verify they rotate without binding or obstructions.				
4) Verify carriage mobility.				
5) Remove debris around vehicle restraint and in roller track.				
6) Verify all inside and outside signal lights operate correctly. Verify audible alarm. (If applicable).				
7) Inspect warning decals and placards. Replace if damaged or missing.				
Quarterly Maintenance				
1) Complete weekly maintenance.				
2) Inspect the following for damage/ abnormal wear:				
- Check all welds for cracks.				
- Inspect chain tension, 1/8-1/4 inch of play, lube chain.				

-- Continued --	Dock #	Dock #	Dock #	Dock #
- Verify brake torque is greater than 42 ft-lbs and less than 58 ft-lbs at the hook shaft, while rotating the hook from ENGAGED (45 deg) to STORED.				
- Inspect junction box and control box for moisture and check all electrical connections.				
- Check that all concrete anchor bolts are torqued to 60 ft-lbs.				
- Remove retaining ring, remove pivot pin and latch plates, clean off dirt debris and other foreign matter from the assembly and mating surfaces. Reinstall parts; verify parts are moving freely without binding or obstruction. DO NOT lubricate latch plates.				
- Inspect the hook to shaft for free play, more than 1/4 inch tighten down the set screw to 8 ft-lbs, check again, replace as needed.				
- Pivot pins and mounting holes.				
- Check motor mounting bolts.				
- Perform operational test after all maintenance repairs and adjustments are complete.				
- Inspect bumpers for more than 1" of wear.				
3) Lubricate the following areas with oil-based moly grease				
Note: Apply to all grease fittings if equipped.				
- Grease rollers at fittings located on the top and bottom axle.				
- Grease hook weldment at the fitting.				
- Limit switch mounting bracket between drive sprocket and the cam.				

Dock#	Comment or Description of Repair(s) Needed	Approval	Completed

Notes: (Detail adjustments performed, parts replaced, etc.) _____

By signing below I/we certify that all steps required by Systems, LLC have been completed:

Service Provider Representative (print name & sign):	Date:
Customer/End User Representative (print name & sign):	Date:



Recommended Spare Parts

TPR/ Unilock® Restraint

Quantity	Part Number	Description
4	9701-0113	Roller Bearings
1	0961-0570	Limit Switch LS1
1	0961-0571	Limit Switch LS2
4	0941-0016	Extension Spring
1	9701-0115	Drive Chain
1	0961-0544	Red Led Light Module 12 Volt
1	0961-0545	Green Led Light Module 12 Volt
1	0961-0566	Amber Led Light Module 12 Volt